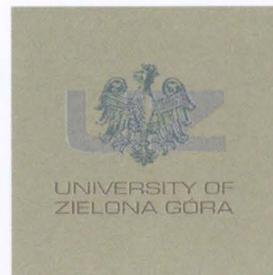




**UNIVERSITY OF  
ZIELONA GÓRA**

**Scientific Research  
and International Cooperation**



**Scientific Research  
and International Cooperation**

Zielona Góra 2004

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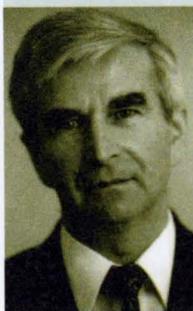
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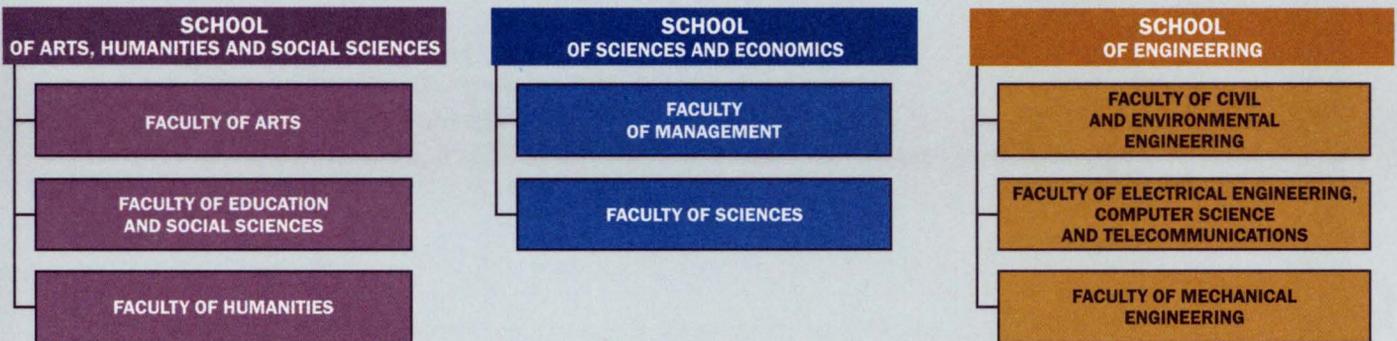
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## General information

The University of Zielona Góra was founded on 1 September 2001 by integrating two local higher education institutions: the Technical University of Zielona Góra and the Tadeusz Kotarbiński Pedagogical University. The innovative structure of the University comprises three schools further composed of faculties:



The University provides education for about 24 thousand people in almost 30 subject areas. The students can choose from among tens of diversified specialisations, from journalism to computer engineering, as well as various types of courses (full-time, part-time, and evening ones) and their levels (undergraduate, graduate, complementary, postgraduate, and doctoral). The University has the rights to confer postdoctoral (*doctor habilitatis*) degrees as well as doctoral degrees.

In 2002 we also conferred for the first time the honorary doctor title – to Prof. Tadeusz Kaczorek of the Warsaw University of Technology.

Over 1100 academic teachers, of whom about 230 are professors, constitute the intellectual potential of the University. Apart from teaching, the academic staff conduct intensive scientific research work, as well as research services for businesses from the region and the country.

The structure of the University also comprises various interfaculty units, for example, the Academic Radio Station INDEX, the Horse-Riding Centre, or the fully computerised University Library, which provides access to over 700 thousand items (books, periodicals, and special collections) and databases of world publishing houses.

Most University facilities, including teaching halls and administration offices, are placed within two campuses, which are being modernised and extended. In 2002 the building of a modern facility of the Faculty of Sciences was finished, while a hall of the Faculty of Civil and Environmental Engineering is in the final phase of construction.

The material base of the University is aided by a modern computer infrastructure composed of the local computer network integrated with ZielMAN, the metropolitan area network. The managing of this complex structure is done by the University Computer Centre by means of the latest specialised equipment.

The University of Zielona Góra also means a vivid social life. Students' clubs and comedy groups, societies and research clubs as well as periodical events, such as the Students' Festival *Bachanalia* or *Dni Frankofonii* - a festival celebrating French culture and language - are key elements of this kind of activity.

Thanks to the University's broad cooperation with foreign countries and institutions, the students have the opportunity to participate in European Union's exchange programmes, such as SOCRATES/Erasmus, while the teachers take part in staff exchange and international research programmes, for example, within the 5<sup>th</sup> and 6<sup>th</sup> Framework Programmes, also financed by the European Union.

Although the University of Zielona Góra is just beginning to work on its history, thanks to its significant intellectual potential and complex material base as well as pro-European policies, it is already one of the region's main gateways to Poland and the world.

## Academic staff in numbers

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■ Professors	229
■ Doctors	362
■ Master's degree holders	525

## Rights to confer scientific degrees

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Postdoctoral (*doctor habilitatis*) degrees are conferred in the following subject areas:

- electrical engineering
- history
- mathematics

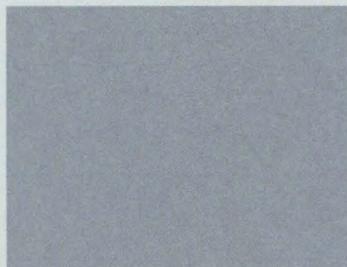
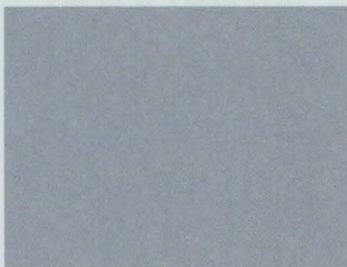
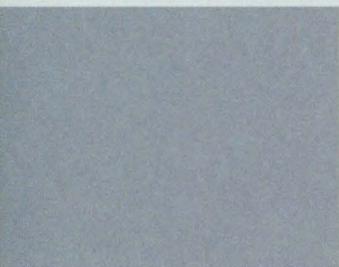
Doctoral degrees are conferred in the following subject areas:

- computer science
- education
- electrical engineering
- history
- mathematics
- mechanical engineering and machine operation
- philosophy
- physics
- structural engineering

## Education and students in numbers

■ Subject areas of study	28
■ options for specialisation	110
■ Students	24200
■ full-time	13140
■ part-time	11060
■ Postgraduate courses	47
■ Doctoral studies subject areas	2





# SCHOOL OF ARTS, HUMANITIES AND SOCIAL SCIENCES

<http://www.snhs.uz.zgora.pl>

## Faculty of Arts



Prof. Andrzej Tuchowski

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E-mail: [Sekretariat@wa.uz.zgora.pl](mailto:Sekretariat@wa.uz.zgora.pl)

Website: <http://www.wa.uz.zgora.pl>

Dean: Prof. Andrzej Tuchowski

Deputy Dean: Dr. Leszek Krutulski

The Faculty of Arts offers courses in the following subject areas of study:

- *Graphic Arts* (undergraduate, complementary\*),
  - *Interior Design* (undergraduate),
  - *Music Education* (graduate, undergraduate),
  - *Painting* (graduate, undergraduate),
  - *Visual Arts Education* (graduate, complementary, undergraduate),
- as well as a postgraduate course in *Visual Arts Education* and in *Artetherapy (Therapy through Art)*.

The Faculty educates in general about 420 (260 full-time and 160 part-time) students.

The Faculty employs 85 members of academic staff, including 26 professors and 30 doctors.

The structure of the Faculty is as follows:

- Institute of Fine Arts
- Institute of Music
- Department of Visual Arts.

\* Studies for Bachelor's degrees holders leading to Master's degrees

## Institute of Fine Arts

Address: ul. Wiśniowa 10, 65-517 Zielona Góra, Poland

Phone: (+48 68) 3262965

Fax: (+48 68) 3238280

E-mail: [Sekretariat@isp.uz.zgora.pl](mailto:Sekretariat@isp.uz.zgora.pl)

Website: <http://www.isp.uz.zgora.pl>

Director:

Prof. Jan Gawron

### General information

The Institute of Fine Arts was established in 2002. It employs 21 academic staff members, including 9 professors, 11 doctors and 1 Master's degree holder. It is comprised of the following units: the Division of Painting and Drawing, the Division of Graphic Arts, the Division of Design, and the Division of Art Studies.

### Major research fields

- Visual communication – real object – visual symbol – virtual impulse
- Constructions of virtual space
- New media in contemporary art
- Criteria of defining contemporary painting

### International cooperation

- Exhibitions
  - Jan Berdyszak, *Innovation (Innovation)*, 10<sup>th</sup> Gmundner Symposium, Street Orchestra Gallery, Gmunden, Austria, 2000
  - Waldemar Bachmeier, Jan Berdyszak, Gerhard Fromel, Henk van Gerner, *Four Nations Four Rooms (Vier Nationen Vier Raume)*, Real Art Forum, St. Peters Church, Erfurt, Germany, 2000
  - Jan Berdyszak, Stefan Gierowski, Ryszard Winiarski, *Light Room Number (Licht Raum Zahl)*, Art House, Nürnberg, Germany, 2000

- Jan Berdyszak, *20<sup>th</sup> Century Polish Prints* from the private collection of T. Mysłowski, Gallery of the Consulate General of the Republic of Poland, New York, USA, 1999
- Jan Berdyszak, *Tomorrow is today*, Naraski Naramashi Center, Narra; Shimin Gallery, Osaka and Riubov Hall, Nara, Okinawa, Japan, 1999
- Jan Berdyszak, *Polish Graphic Art in Japan*, Sakaide Civic Art Museum, Sakaide, Japan, 1999
- University of Rennes II, France  
Scope: Implementation of the SOCRATES/Erasmus programme

#### Galleries

- Institute Gallery at the University Library of Arts

### **Institute of Music**

Address: ul. Energetyków 2, 65-729 Zielona Góra, Poland

Phone: (+48 68) 3287854, fax: (+48 68) 3287858

E-mail: Sekretariat@iksm.uz.zgora.pl

Website: <http://www.iksm.uz.zgora.pl>

Director:

Prof. Juliusz Karcz

Deputy Director:

Dr. Lidia Kataryńczuk-Mania

#### General information

The Institute of Music was established in 1983. It employs 40 academic staff members, including 12 professors, 16 doctors and 12 Master's degree holders.

It is comprised of the following units: the Division of Music Theory, the Division of Conducting, the Division of Instrumental Teaching, and the Division of Music Teaching.

## Major research fields

- Performance problems of choral and instrumental music
- Psychoacoustic and musical conditions for the development and musical aptitudes of children and youth
- Music education of children and youth with elements of artetherapy

## Concerts

- Dorota Frąckowiak-Kapała, concert marking the occasion of the anniversary of signing the Polish-German treaty, Concert Hall of the Polish House, Rechinghausen, Germany, 2000
- Janina Nowak, Great European New Year's Day Concert, first performance of Cz. Grabowski's *Hosanna E Gloria* and K. Penderecki's *Credo*, Fredericia, Denmark, 2001
- Maciej Ogarek, concert of the Orchestra of the State School of Music in Zielona Góra together with the *Alborada* Orchestra of the Music Conservatory in Versailles, Notre Dame Cathedral, Versailles, France, 2001
- Maciej Ogarek, two concerts of the Orchestra of the State School of Music in Zielona Góra and the German-Polish Youth Orchestra on the occasion of opening the Cultural Centre *Small Forum (Kleist-Forum)*, Frankfurt-upon-Oder, Germany, 2001
- Bartłomiej Stankowiak, participation of the Cantemus Choir in the International Choral Contest *Sacral Music in Prague (Musica Sacra Praha)*, Prague, Czech Republic, 2001
- Ryszard Zimnicki, symphony concert, Mildred L.Tyson *Like Barley Bending*, choir with the piano, Fredericia, Denmark, 2001

## Department of Visual Arts

Address: ul. Wiśniowa 2, 65-515 Zielona Góra, Poland

Phone: (+48 68) 3282965, fax: (+48 68) 3282971

E-mail: Sekretariat@kskp.uz.zgora.pl

Website: <http://www.kskp.uz.zgora.pl>

Head: Assoc. Prof. Ryszard Woźniak

### General information

The Department of Visual Arts was established in 2003. It employs 11 academic staff members, including 2 professors, 7 doctors and 2 Master's degree holders.

### Major research fields

- New forms – new criteria – the place of the audience in contemporary art, changed by social transformations
- New media in art and their influence on the changing relation between the artist and the audience
- Criteria of defining contemporary painting
- Forming media techniques in art education
- Glass as a medium in contemporary art
- Question without an answer: the mystery of the work of art. Perception, language, interpretation, understanding and non-understanding versus the work of art

### International cooperation

- University of Rennes II, France  
Scope: Implementation of the European SOCRATES/Erasmus programme

## Faculty of Education and Social Sciences



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65-762 Zielona Góra, Poland  
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E-mail: [Sekretariat@wnps.uz.zgora.pl](mailto:Sekretariat@wnps.uz.zgora.pl)  
Website: <http://www.wnps.uz.zgora.pl>

Dean: Prof. Wielisława Osmańska-Furmanek  
Deputy Deans: Assoc. Prof. Grażyna Miłkowska-Olejniczak  
Dr. Zdzisława Janiszewska-Nieścioruk

*Prof. Wielisława Osmańska-Furmanek*

The Faculty of Education and Social Sciences offers full-time and part-time courses in the following subject areas of study:

- *Education* (graduate, complementary, undergraduate),
- *Physical Education* (undergraduate),
- *Sociology* (graduate),

as well as the following postgraduate courses:

- *Arttherapy,*
- *Computer Science in the Reformed School,*
- *Creation of Copyrighted Educational Programmes,*
- *Creative Thinking and Accelerated Learning Technique,*
- *Education of the Mentally Handicapped,*
- *Educational and Speech Therapy,*
- *Educational Therapy,*
- *Educational Therapy for Speech Therapists,*
- *Integrated Early-School Education with English,*
- *Integrated Early-School Education with German,*
- *Integrated Education,*
- *Introducing the Child to the World of Art,*
- *Managing Rehabilitation Institutions,*
- *Organisation and Management of Social Care Institutions,*

- *Organisation and Management of Educational Institutions,*
- *Physical Education,*
- *Psychological Counselling,*
- *Rehabilitation,*
- *Social Prevention,*
- *Social Therapy.*

The Faculty educates 5110 (1970 full-time and 3140 part-time) students.

The Faculty employs 165 academic staff members, including 14 professors and 55 doctors.

The Faculty has the right to confer doctoral degrees in *education*.

The structure of the Faculty is as follows:

- Institute of Education and Psychology
- Institute of Social Education
- Institute of Sociology
- Department of Media and Information Technologies
- Department of Physical Education
- Department of Work Ethics and Education.

## **Institute of Education and Psychology**

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Website: <http://www.ipp.uz.zgora.pl>

Director:

Prof. Krystyna Ferenz

Deputy Directors:

Prof. Edward Kozioł  
Elżbieta Płodzień, M.A.

### General information

The Institute of Education and Psychology was established in 1989. At present it employs 71 academic staff members, including 8 professors, 34 doctors and 29 Master's degree holders.

It is comprised of the following units: the Institute of Education Theory, the Division of Education Philosophy and Teaching, the Division of Pre-School and Early-School Education, the Division of General Education and Teacher Training, the Division of Education History, the Division of Psychology, the Division of Protective and Special Education, and the Division of Cultural Education.

### Major research fields

- Optimisation of educational processes in the reformed school
- Awareness and self-awareness of teachers and their professional behaviour
- Quality of life – psychological and family determinants
- Contemporary teaching and the reformed school and out-of-school education
- The handicapped in the family, educational and clinical institutions as well as the local environment
- Social orphanhood; prevention and compensation in the local environment
- Care and education in and outside the family
- Continuation and change in the history of education; educational traditions and contemporary problems of education
- Educational spaces and their dimensions
- Trends and tendencies in literature for children
- Childhood identity – education: the last, third stage – preparing research results and publications

### International cooperation

- Russian State Pedagogical University in St. Petersburg, Russia  
*Subject:* School conditioning of aggressive behaviour of the Polish and Russian youth
- Moscow State Linguistic University, Russia  
*Subject:* Social and educational analysis of teacher's professional roles (theory and practice of preparing a class counsellor in Poland)
- Russian Academy of Education in Moscow, Russia  
*Subject:* Theoretical and methodological basis of teaching mathematics in the conditions of diversified education in elementary grades  
*Outcomes:* Postdoctoral (*doctor habilitatis*) degree

- Pedagogical University in Vechta, Germany  
*Subject:* Environmental education of elementary grades teachers
- Pedagogical University in Hradec Kralove, Czech Republic  
*Subject:* Concept of training elementary school teachers in Poland and the planned directions of reforms

## Publications

In the years 1997-2002 the Institute's staff published about 60 books and almost 800 other scientific works (dissertations, studies, papers, reviews included in collective works and in journals). The staff publish in the leading Polish journals in the field of education as well as psychology, including *Educational Movement (Ruch Pedagogiczny)*, *New School (Nowa Szkoła)*, *Educational Problems (Problemy Opiekuńczo-Wychowawcze)*, *Psychological Review (Przegląd Psychologiczny)*, *Every Day Upbringing (Wychowanie na codzień)*, *Care. Upbringing. Therapy (Opieka. Wychowanie. Terapia )* and others.

## Scientific conferences

- National
  - *The Handicapped in the Family and the Local Environment (Człowiek niepełnosprawny w rodzinie i w środowisku lokalnym)*, Ochla/Zielona Góra, 2000  
*Organisers:* Prof. Aleksandra Maciarz, Dr. Zdzisława Janiszewska-Nieścioruk, Dr. Helena Ochoczenko, Dr. Bożena Olczak-Krzyżanowska
  - *Teachers' Competences – State, Needs, Directions of Changes (Kompetencje nauczycieli – stan, potrzeby, kierunki zmian)*, Zielona Góra, 2000  
*Organisers:* Prof. Edward Koziół, Prof. Krystyna Ferenz, Prof. Maria Jakowicka, Dr. Marzanna Magda, Dr. Anna Ratuś
  - *21<sup>st</sup> Century University Education; transformations. Media. Innovations (Pedagogika szkoły wyższej XXI wieku: Przemiany. Media. Innowacje)*, together with the Department of Media and Information Technologies, Zielona Góra, 2002  
*Organisers:* Prof. Marek Furmanek, Dr. Marzanna Magda

# Institute of Social Education

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Website: <http://www.ips.uz.zgora.pl>

Director:

Prof. Paweł Karpińczyk

Deputy Director:

Prof. Bogdan Idzikowski

## General information

The Institute of Social Education was established in 1991. It employs 45 academic staff members, including 8 professors, 13 doctors and 24 Master's degree holders. It is comprised of the following units: the Division of Social Prevention and Rehabilitation, the Division of Youth Counselling and Sexual Education, the Division of Cultural and School Education, the Division of Social Research Methodology, the Division of Out-of-School Education, and the Counselling Laboratory.

## Major research fields

- Socialisation of middle-town youth during political transformations (relations: child – parents, student – teacher, student – peers)
- Theory of cultural animation (conditions and scope of cultural animation)
- Art education – role of creativeness in human life
- Social work as a professional activity (areas of social work, institutions of social aid, social workers and their training)
- Individuals in the process of professional work
- Prevention and therapy of addictions and other symptoms of social pathology
- Diagnosing the signs of social maladjustment of youth and children

- Family in the process of socialisation; role of the family in particular phases of human development; family with an addiction problem; helping the child and the family
- Activities of penal and correction institutions; postpenal aid
- Sexual education and behaviour in Poland
- Human trade and violating human rights
- Sexual abuse of children; child prostitution and pornography
- Prostitution in the Polish-German borderland

### International cooperation

- Humboldt University in Berlin, Germany  
*Subject:* Cultural education of adults in the Brandenburg land and in the Lubuskie province  
*Outcomes:* Organisation of Polish-German scientific seminars and conferences; publication of research reports; joint scientific papers
- Free University in Berlin, Germany  
*Subject:* Socialising of medium-sized town youth in Poland and big-city youth in Germany and socialising systems  
*Outcomes:* Organisation of conferences and scientific seminars; one collective work; development of junior staff – one doctorate conferred and two in progress
- Medical College of Wisconsin, Department of Psychiatry and Behavioural Medicine, Centre for AIDS Intervention Research, USA  
*Subject:* HIV prevention, evaluating prevention programmes  
*Outcomes:* Implementation of the international GAIN research project on *Development and evaluation of HIV prevention focusing on programmes reaching the public, 2002-2007*
- German Society for Sexual Education, Germany  
*Subject:* Sexual education  
*Outcomes:* Organisation of international conferences on *School and Sexual Education, 1997, Youth and AIDS, 1999*; cooperation in the field of research methodology; presentation of the *Polish Concept of Sexual Education Curriculum (Polska koncepcja szkolnego programu wychowania seksualnego)*, Dresden, Germany, 2002

- United Nations Interregional Institute of Research into Crime and Justice, Turin, Italy  
*Subject:* Preventing and fighting against human trade  
*Outcomes:* Implementation of the international project on *Legal and Criminal Reaction to Human Trade in the Czech Republic (Cheb) and Poland (Zielona Góra)*, 2002
- Catholic University in Leuven, Belgium  
*Subject:* Sexual abuse prevention  
*Outcomes:* Organisation of the international conference on *Sexual Abuse of Children*, 2001; report on the prevention and attitude towards sexual abuse in educational institutions in the years 1999-2001

## Publications

- Series on *Discourses of Young Andragogues (Dyskursy młodych andragogów)*, published since 1999, Pedagogical University in Zielona Góra Press  
 Four volumes published up till now, edited by J. Kargul.
- *The Youth of Today. Behaviour and Addictions (Die Jugend von heute. Aussichten und Bedrohungen)*, eds. E. Hajduk, B. Idzikowski, Pedagogical University in Zielona Góra Press, 2000
- *Showing Life Paths and their Conditioning (Audernung der Lebensorientierungen der Jugend und ihre Bedingerungen)*, ed. E. Hajduk, Pedagogical University in Zielona Góra Press, 1999
- *Sexual Behaviour of Women Offering Sexual Services, Homosexual Males and Drug Addicts (Zachowania seksualne kobiet świadczących usługi seksualne, mężczyzn homoseksualnych i osób uzależnionych od narkotyków)*, ed. Z. Izdebski, ORGANON, Warsaw, 2000

## Scientific conferences

- International
  - *Cultural Education of Adults in the Lubuskie Province and the Land of Brandenburg*, Zielona Góra, 2001, 2002  
*Organiser:* Prof. Józef Kargul

- *Youth and AIDS*, Warsaw, 1999  
Organiser: Prof. Zbigniew Izdebski
- *Prostitution in the Polish-German Borderland*, Zielona Góra, 2000  
Organiser: Prof. Zbigniew Izdebski
- National
  - *Summer School of Young Andragogues (Letnia Szkoła Młodych Andragogów)* scientific seminars and workshops, held annually since 1999, Zielona Góra  
Organiser: Prof. Józef Kargul
  - *Cultural Education of Children and Youth (Edukacja kulturalna dzieci i młodzieży)*, Zielona Góra, 2000  
Organisers: Prof. Bogdan Idzikowski, Dr. Ewa Narkiewicz-Niedbałec
  - *Polish Youth and the New Social Order (Polska młodzież a nowy ład społeczny)*, Zielona Góra, 2002  
Organisers: Prof. Bogdan Idzikowski, Dr. Ewa Narkiewicz-Niedbałec, Dr. Maria Zielińska, Dr. Elżbieta Papiór
  - *Continuity and Change in the Field of Social Prevention and Rehabilitation (Ciągłość i zmiana w obszarze profilaktyki społecznej i resocjalizacji)*, Drzonków, 2000  
Organiser: Prof. Dorota Rybczyńska



## Institute of Sociology

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Phone: (+48 68) 3283110, fax: (+48 68) 3283236  
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Website: <http://www.is.uz.zgora.pl>

Director: Prof. Leszek Gołdyka  
Deputy Director: Dr. Krzysztof Lisowski

### General information

The Institute of Sociology was established in 1994. It employs 29 academic staff members, including 5 professors, 14 doctors and 10 Master's degree holders. It is comprised of the following units: the Division of the Sociology of Territorial Communities, the Division of Educational and Family Sociology, the Division of the Methodology of Sociology, the Division of the Sociology of Knowledge, the Division of the Sociology of Organisation, and the Division of General Sociology.

### Major research fields

- Developmental tendencies of social institutions in the Western Poland borderland
- Economic behaviour of Poles
- Families and households as market game players; integral and multi-aspect studies on the evolution of Polish families and households

### International cooperation

- European University Viadrina, Frankfurt-upon-Oder, Germany  
*Subject:* Political attitudes and professional values of educational courses students – comparative studies of Polish and German students  
*Outcomes:* Cooperation agreement (2001-2003); international conference on *Joint Research Areas of the Polish-German Borderland*, Viadrina, 2001

## Conferences

- National
  - *Cross-Border Issues in the Sociological Perspective III (Transgraniczność w perspektywie socjologicznej III)*, Dychów, 2000
  - *Cross-Border Issues in the Sociological Perspective IV. Europe without Borders (Transgraniczność w perspektywie socjologicznej IV. Europa bez granic)*, Łągów Lubuski, 2002
  - *Stanisław Ossowski's Sociological Concepts versus Theoretical and Practical Issues of the Present (Koncepcje socjologiczne Stanisława Ossowskiego a teoretyczne i praktyczne zagadnienia współczesności)*, Zielona Góra, 2003

## Department of Media and Information Technologies

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 Phone: (+48 68) 3283191, fax: (+48 68) 3283236  
 E-mail: [Sekretariat@kmti.uz.zgora.pl](mailto:Sekretariat@kmti.uz.zgora.pl)  
 Website: <http://www.kmti.uz.zgora.pl>

Head: Prof. Marek Furmanek

### General information

The Department of Media and Information Technologies was founded in 2001 by transforming the Division of Multimedia Information Technologies, established in 1997. At present the Department employs 2 professors and 7 Master's degree holders.

### Major research fields

- Individualisation of the content and the form of transmission in the process of distance learning aided with information and communication technologies
- Teacher training in the field of information technologies
- Application of multimedia information technologies to education and their influence on education methods
- Structuring of multimedia information based on the hypertext model of document in multimedia messages for education
- Models of computer-mediated social communication

## International cooperation

- A. Herzen Russian State Pedagogical University in St. Petersburg, Russia  
*Subject: Educational technologies of the 21<sup>st</sup> century – distance learning*
- Constantine the Philosopher University in Nitra, Slovak Republic  
*Subject: Application of information technologies to the training of educationalists*

## Publications

The staff of the Department have published 93 works in the field of multimedia information technologies and education, including:

- M. Furmanek, *Multimedia message in network education (Komunikat multimedialny w przekazie edukacyjnym realizowanym sieciowo)*, in: *Computer Training of Teachers: Remote Education – Conditions, Barriers, Forecasts (Informatyczne przygotowanie nauczycieli: kształcenie zdalne – uwarunkowania, bariery, prognozy)*, eds. J. Migdałek, B. Kędzierska, Rabid, Cracow, 2003
- W. Osmańska-Furmanek, *New Information Technologies in Education (Nowe technologie informacyjne w edukacji)*, Lubuskie Scientific Society, Zielona Góra, 1999

## Scientific conferences

- International
  - *Media and Education*, Poznań, 2002  
*Organisers: Prof. Marek Furmanek, Prof. Waclaw Strykowski*
- National
  - 1<sup>st</sup> Polish Scientific Seminar on *Information Education (I Ogólnopolskie Seminarium Naukowe Pedagogika informacyjna)*, Szczecin, 2002  
*Organisers: Prof. Marek Furmanek, Prof. Kazimierz Wenta*
  - *21<sup>st</sup> Century University Education. Transformations, Media, Innovations (Pedagogika szkoły wyższej XXI wieku. Przemiany, media, innowacje)*, Zielona Góra, 2002  
*Organisers: Prof. Marek Furmanek, Prof. Krystyna Ferenz*

## Department of Physical Education

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Phone: (+48 68) 3287835, fax: (+48 68) 3283236

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Website: <http://www.kwf.uz.zgora.pl>

Head: Assoc. Prof. Józef Tatarczuk

### General information

The Department of Physical Education was established in 1998. At present it employs 4 professors and 1 doctor.

### Major research fields

- *Physical development of the children and youth of the Lubuskie region in the light of social stratification*: analysis of the tendencies of changes in the somatic development of the children and youth of the Lubuskie region in the aspect of social diversification and families' economic situation; developmental norms
- *Conditioning of the morphological and motor development of academic youth in Zielona Góra*: analysis of the conditioning of somatic and motor features of the students of the University of Zielona Góra in the light of social changes
- *Ontogenesis of the changeability of human lower jaw*: analysis of lower jaw in the context of changes in human ontogenesis
- *Developmental and health changes of the students of the University of Zielona Góra*: tendencies

### International cooperation

- A. Lomonosov University in Moscow, Russia  
Scope: Research into temporal trends of physical development
- Vilnius University, Lithuania  
Scope: Ontogenetic examination of Polish children in Lithuania

- National Academy of Sciences of Belarus  
*Scope:* Developmental examination of children and youth after the Chernobyl accident in comparison with Polish children
- University of Adelaide, Australia  
*Scope:* Morphological examination of human lower jaw, factors determining the shape of the skull and factors causing intergenerational developmental changes
- Palacki University of Olomouc, Czech Republic  
*Subject:* Ontogenesis of children and youth, skeleton development research, somatic structure of student and sports groups

#### Scientific conferences

- International Scientific Conference on *Ontogenesis and Health Promotion in the Aspect of Medicine, Anthropology and Physical Education*, Zielona Góra, 2000  
*Organisers:* Prof. Andrzej Malinowski, Assoc. Prof. Józef Tatarczuk, Dr. Ryszard Asienkiewicz.

## **Department of Work Ethics and Education**

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 Website: <http://www.kpp.uz.zgora.pl>

Head: Prof. Kazimierz Uździcki  
 Deputy Head: Dr. Ireneusz Nijaki

#### General information

The Department of Work Ethics and Education was established in 2000. At present it employs 1 professor, 1 doctor and 1 Master's degree holder.

## Major research fields

- Development of the conceptions of general technical education and professional training in the transitional period in the countries of Central Europe and South Africa
- Training teachers of general technical education in the light of the needs of the reformed school
- Ways of conducting technical and computer education classes in reformed elementary and junior high schools
- Training teachers of integrated education in the field of technical education

## Publications

In 2001 and 2002 the staff of the Department participated in 7 international and 6 national conferences. Altogether they published 19 dissertations and papers in collective works as well as in national and international journals.

## International cooperation

- University of Flensburg, Germany  
*Subject:* Work ethics and education versus civilisation transformations at the turn of the 20<sup>th</sup> and the 21<sup>st</sup> century
- M. Luther University in Halle-Wittenberg, Germany  
*Subject:* Problems of teaching general technical education classes and training technical education teachers in Poland and in Germany  
*Outcomes:* Joint scientific conference on *Teaching Techniques. Development Theories – Tasks (Technikdidaktik. Entwicklungsstand – Theorien – Aufgaben)*, Zielona Góra/Łagów Lubuski, 2000;
- Charles University in Prague, Czech Republic  
*Subject:* General technical education and training teachers of technical education in the countries of Central Europe



## Faculty of Humanities



*Prof. Czesław Osękowski*

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Zielona Góra, Poland  
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Dean: Prof. Czesław Osękowski  
Deputy Deans: Prof. Lilianna Kiejzik  
Dr. Bogumiła Husak

The Faculty of Humanities is the largest faculty of the University of Zielona Góra. It educates specialists in the humanities, extending its educational offer every year. The courses, leading to Bachelor's and Master's degrees, are conducted in both full-time and part-time systems in the following subject areas of study:

- *History,*
- *Language Studies,* with the following options for specialisation:
  - *Russian Studies,*
  - *German Studies,*
  - *English Language,*
  - *German Language,*
  - *French Language,*
- *Philosophy* (university accreditation), including the specialisation in *Communication and Social Collaboration* and in *Civic Education,*
- *Polish Studies,* including the specialisation in *Journalism,*
- *Political Science.*

The Faculty also offers postgraduate courses in

- *Civic and European Education,*
- *History,*
- *History and the Cultural Heritage of the Lubuskie Region,*
- *Language Skills in the New Educational System,*

- *Managing Non-Refundable Aid Funds of the European Union with Elements of European Law,*
- *Philosophy and Ethics,*
- *Philosophy and Civic Education,*
- *Reading and Media Studies,*
- *Speech Therapy with Voice Emission.*

The Faculty provides education for about 4400 (2300 full-time and 2100 part-time) students. In 2002, in recognition of the high quality of education, the subject area *Philosophy* was granted accreditation by the Commission of the Rectors of Polish Universities.

The Faculty employs 190 members of academic staff, including 56 professors and 78 doctors.

The Faculty has the right to confer postdoctoral (*doctor habilitatis*) and doctoral degrees in *history*, and the Institute of Philosophy has the rights to confer doctoral degrees in *philosophy*.

Studies in *history* at the doctoral level are also offered.

The structure of the Faculty is as follows:

- Institute of East-Slavonic Studies
- Institute of German Studies
- Institute of History
- Institute of Philosophy
- Institute of Polish Studies
- Institute of Political Science
- Teacher Training College of Foreign Languages
- Department of Social and Language Communication.



# Institute of East-Slavonic Studies

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E-mail: [Sekretariat@ifw.uz.zgora.pl](mailto:Sekretariat@ifw.uz.zgora.pl)  
Website: <http://www.ifw.uz.zgora.pl>

Director:

Prof. Bazyli Tichoniuk

## General information

The origin of the Institute of East-Slavonic Studies dates back to 1971. At present the Institute employs 4 professors, 7 doctors, and 5 Master's degree holders. It is comprised of the following divisions: the Division of East-Slavonic Literatures, the Division of East-Slavonic Linguistics, and the Division of Applied Linguistics.

## Major research fields

- East-Slavonic literatures of the end of the 19<sup>th</sup> century and the 20<sup>th</sup> century
- *In the Galician cultural circle*: between commentaries and culture (*Diaries [Dzienniki]* of Volodymyr Vynnytschenko)
- *Slavonic onomastics*: Polish and East-Slavonic borderland; literary onomastics
- Innovations in Russian and in Polish; contrastive studies
- Instrumental analysis and synthesis of the intonation of Slavonic languages at the suprasegmental level for the needs of language communication
- Analysis and linguistic synthesis of intonational phenomena of Russian, Polish, Belarussian and Ukrainian, and the application of the research results to school education

## International cooperation

- A. Herzen State Pedagogical University in St. Petersburg, Russia  
*Subject: Substantival paraphrases*
- A. Pushkin National Institute of the Russian Language in Moscow, Russia  
*Subject: Functional and semantic perception field in Russian and in Polish*
- Vitebsk University, Belarus  
*Subject: Belarussian-Polish, Russian-Polish contrastive linguistics; language and literary Polish and East-Slavonic borderland*
- Tarnopol Pedagogical University, Ukraine  
*Subject: Polish-Ukrainian literary and language relations*

### Publications

- *Literatures of Eastern Slovaks. Developmental Tendencies, Re-Evaluation (Literatury Słowian wschodnich. Tendencje rozwojowe, przewartościowania)*, ed. M. Ściepura, Pedagogical University in Zielona Góra Press, 1999
- Włodzimierz Wilczyński, *A Lexicon of Ukrainian Literature (Leksykon kultury ukraińskiej)*, Pedagogical University in Zielona Góra Press, 2000
- *Innovations in East-Slavonic Languages II (Innowacje w językach wschodniosłowiańskich II)*, ed. B. Tichoniuk, University of Zielona Góra Press, 2002

### Scientific conferences

- International
  - International Slavic Symposium on *Belarus, Russia, Ukraine: the Problem of Changes in National Literatures*, Zielona Góra, 1999  
*Organiser: Prof. Włodzimierz Wilczyński*
  - 10<sup>th</sup> International Slavic Symposium on *East-Slavonic Literatures and Languages from the Perspective of the End of the 20<sup>th</sup> Century*, Zielona Góra, 2002  
*Organisers: Prof. Bazyli Tichoniuk, Prof. Andrzej Ksenicz*
  - International Slavic Symposium on *East-Slavonic Literatures and Languages from the Perspective of the Beginning of the 21<sup>st</sup> Century*, Zielona Góra, 2003  
*Organisers: Prof. Bazyli Tichoniuk, Prof. Włodzimierz Wilczyński*

## Institute of German Studies

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Director:

Prof. Augustyn Mańczyk

Deputy Director:

Dr. Robert M. Buczek

### General information

The Institute of German Studies was founded in 1974. At present it employs 33 staff members, including 7 professors, 9 doctors and 9 Master's degree holders. The Institute is comprised of the following divisions: the Division of General and Applied Linguistics, the Division of the German Language, the Division of German Literature, and the Division of Literary Contrastive Studies.

### Major research fields

- Contemporary problems of Silesian literature
- Literature for children and youth
- Polish-German relations in literature
- History of the German language
- Social creation of the mind
- Theory of communicative writing ability
- Language contacts and literary transmission

### International cooperation

- University of Vechta, Germany  
*Scope:* Tripartite seminars of German language specialists (together with the Angers University, France)
- Technical University of Dresden, Germany  
*Scope:* Implementation of the SOCRATES/Erasmus programme
- Technical University of Chemnitz, Germany  
*Scope:* Academic exchange in the field of literary studies  
*Outcomes:* Scientific conference

## Publications

- Serial publication *German Studies (Germanistyka)*  
The series of scientific papers *German Studies* is a new publication as far as the content and graphics are concerned. It contains scientific papers and reviews authored mostly by all Institute staff members as well as other researchers into literature and Indo-European languages. The historical and contemporary contents are presented within the mental transformation which we experience in both German and Polish literature, as well as in the field of the conceptual and language perception of European culture.

## Scientific conferences

- International conference on *Province in Literature. Silesia between the Memory and the Image (Eine Provinz in der Literatur. Schlesien zwischen Erinnerung und Imagination)*, Zielona Góra, 2002  
*Organisers:* Dr. Robert M. Buczek, Dr. Paweł Zimniak

## Institute of History

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Website: <http://www.ih.uz.zgora.pl>

Director: Prof. Wojciech Strzyżewski  
Deputy Director: Dr. Robert Skobelski

## General information

The Institute of History was established in 1973. At present it employs 14 professors as well as 14 doctors and 6 Master's degree holders. The Institute is comprised of the following divisions: the Division of Archaeology and Ancient and Medieval History, the Division of Modern History (16<sup>th</sup>-18<sup>th</sup> Centuries), the Division of 19<sup>th</sup>-20<sup>th</sup> Centuries History, the Division of Demography and Economic History, the Division of Auxiliary Sciences of History, the Division of History Teaching, the Division of Contemporary History, the Heraldry Laboratory, the Epigraphic Laboratory, and the Regional Research Laboratory.

## Major research fields

- *Early medieval settlement in the Wielkopolskie and Lubuskie regions:* archaeological research in the Silesian-Lusatian borderland
- *Strata, classes and chivalries in Central and Eastern Europe in the 10<sup>th</sup>-15<sup>th</sup> centuries:* Balkans under the Byzantine rule from the 9<sup>th</sup> to the 13<sup>th</sup> century
- *History of the Silesian-Brandenburg-Wielkopolskie borderland in the 16<sup>th</sup>-18<sup>th</sup> centuries:* religious life, population relations, nobility, municipal and nobility heraldry
- Political thought in the Polish land in the 19<sup>th</sup> and the 20<sup>th</sup> century
- *History of Poland after 1945:* borderland and Polish-German relations after World War II, people of the Regained Land, political transformation in the Polish-German borderland
- *Optimising the training of history teachers:* contents and methods of module-based education
- *Research into registry practice and the medieval document:* editing historic epigraphs of Western Poland till the end of the 18<sup>th</sup> century.

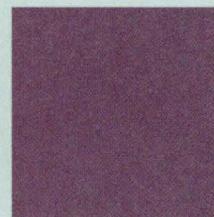
## International cooperation

- Free University of Berlin, Germany  
*Subject:* Polish-German cross-border relations in the modern and the contemporary era, political transformation in the Polish-German borderland after 1989  
*Outcomes:* Publication of two books by the Free University (e.g., *Transformation Processes in the Borderland of Western Poland. Geographic and Social Research of the Agricultural Area of Two Villages of Western Poland (Łąkie and Radoszyn) since 1989* (*Transformationsprozesse in grenzrahmen landlichen Raum Westpolens. Eine sozialgeographische Untersuchung zum aagarststrukturellen wandel zweiter westpolnischer Dorfer (Łąkie und Radoszyn) seit 1989*), Cz. Osękowski, J. Janzen, Free University of Berlin, 1997) and numerous scientific papers

- University of Vechta, Germany  
*Subject:* Historical conditions of developing the Polish-German neighbourhood  
*Outcomes:* Two books in Polish and in German (e.g., *Historical Meetings of Poles and Germans. A Dialogue of German and Polish Historians (Historyczne spotkania Polaków i Niemców. Dialog niemieckich i polskich historyków)*, ed. J. Kuropka, H. Szczegóła, Zielona Góra/Vechta, 2001 – bilingual publication), scientific conferences, staff mobility
- University of Hradec Kralove, Czech Republic  
*Subject:* Polish-Czech relations, images of both countries in history curricula, textbooks and education
- Serbian Institute in Bautzen, Germany  
*Subject:* History of the Lusatian region and Polish-Lusatian relations  
*Outcomes:* Serial scientific conferences (*Academic Life in the Silesian-Lusatian Borderland from the 16<sup>th</sup> till the 20<sup>th</sup> Century (Życie naukowe na pograniczu śląsko-lużyckim od XVI do XX wieku)*, Zielona Góra); publication of two books and numerous papers (e.g., in the *Lubuskie Annual [Rocznik Lubuski]*)

### Publications

In the years 1996-2002 the staff of the Institute published about 50 books and almost 500 other works (dissertations, studies, papers, reviews), included in collective works as well as national and international journals. Since 1993 the Institute has been publishing its own annual entitled *Western Studies (Studia Zachodnie)* (7 volumes published so far), and in the years 2000-2002 there were published 5 volumes of another, new series *History (Historia)*. In 2003 the first volume of a new, specialised journal *Epigraphic Studies (Studia Epigraficzne)* will be published.



# Institute of Philosophy

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Website: <http://www.ifil.uz.zgora.pl>

Director:

Prof. Krzysztof Kaszyński

Deputy Director:

Dr. Mirosław Świt

## General information

The Institute of Philosophy was founded in 1995. At present it employs 16 professors, 8 doctors, and 4 Master's degree holders. The Institute is comprised of the following divisions: the Division of Ethics, the Division of the Philosophy of Culture, the Division of Social Philosophy, the Division of the History of Philosophy, the Division of Contemporary Philosophy, the Division of the Logic and the Methodology of Sciences, and the Division of Ontology and the Philosophy of Cognition.

## Major research fields

- *Philosophical logic*: logical analysis of research procedures, natural deduction, epistemic as well as erotetic and paraconsistent logic
- *Theory of knowledge and the philosophy of natural sciences*: truth and scientific rationality, absolutism and relativism in the theory of truth, metaphysical assumptions of natural sciences
- Brentano's philosophy, problems of intentionality, theories of meaning and objective reference, presuppositional theory of knowledge, theories of analyticity
- *Social philosophy and the philosophy of law*: philosophy of human rights, business ethics, philosophy of the state and politics, historiophilosophy, philosophical anthropology
- *History of philosophy*: history of Polish philosophy, philosophy of the Renaissance, Spinoza's philosophy, and contemporary German philosophy
- *Philosophy of culture*: analysis of the aesthetical nature of postmodernism, aesthetics of landscape, aesthetics of photography

- *Russian philosophy*: non-Marxist Russian philosophy of the second half of the 19<sup>th</sup> century and the first half of the 20<sup>th</sup> century, VI. Solovyov's and S. Bulgakov's philosophy

### International cooperation

- University of Groningen, Holland  
*Subject*: Scientific explanations and induction  
*Outcomes*: Publications in a volume dedicated to a discussion with Theo Kuiper's publications (*Volume in Debate with Theo Kuipers*); two research visits
- Ghent University, Belgium  
*Subject*: Application of non-standard logic to problems of the philosophy of science  
*Outcomes*: Five Flemish-Polish logical and philosophical workshops (Zielona Góra, Ghent, Brussels); research project on *Formal study of issues in the philosophy of science, especially in terms of adaptive and erotetic logic*, 2002-2004, in the framework of the Flemish-Polish scientific cooperation agreement; eight publications submitted for printing in *Logic and Analysis (Logique et Analyse)*; one research visit, three research training visits
- A. Herzen University in St. Petersburg, Russia; Pedagogical University in Armavir, Russia  
*Subject*: Russian-Polish and Polish-Russian prejudices; philosophy of omni-unity in Russia in the 19<sup>th</sup> century and the first half of the 20<sup>th</sup> century  
*Outcomes*: Participation in a Polish-Russian project on Russian-Polish and Polish-Russian prejudices as well as research into the Polish "spirit" and the Russian "spirit"; participation in a conference in Moscow on prejudices and problems of the "spirit"; anthology on non-Marxist Russian philosophy of the 19<sup>th</sup> century and the first half of the 20<sup>th</sup> century (Part I: Łódź, 2001, Part II: Łódź, 2002)
- University of Würzburg and Hanns-Seidel-Stiftung, Germany  
*Subject*: Research project of the Humboldt Foundation on *Authorities in Judicature (Authoritaeten im Urteil der Vernunft)*, 2000-2002; lectures  
*Outcomes*: In print – an essay in the volume *The Role of Church and Religion in Modernisation in the Middle Ages (Die Rolle von Kirche und Religion bei der Modernisierung im Mittelalter)* as well as a book and essays resulting from the project

## Scientific conferences

- International
  - 2<sup>nd</sup> German-Polish Workshop on *Logic and Logical Philosophy*, Żagań, 1998  
*Organisers:* Prof. Andrzej Wiśniewski, Dr. Mariusz Urbański
  - 5<sup>th</sup> and 8<sup>th</sup> Flemish-Polish Workshop on *Adaptive and Erotetic Logic and Their Application to the Philosophy of Science*, Zielona Góra, 2001 and 2003,  
*Organisers:* Prof. Andrzej Wiśniewski, Dr. Mariusz Urbański
  - *Issues of the Reception of Spinoza in Poland and Other Countries of Central and Eastern Europe*, Zielona Góra, 2003  
*Organisers:* Prof. Ryszard Palacz, Prof. Werner Röhr (together with the Spinoza Society)
- National
  - 1<sup>st</sup> Zielona Góra Philosophical Symposium on *Scientific Rationality* (I Zielonogórskie Sympozjum Filozoficzne *Racjonalność naukowa*), Zielona Góra, 2000  
*Organiser:* Prof. Adam Grobler
  - 2<sup>nd</sup> Zielona Góra Philosophical Symposium on *Aesthetics and Rationality of Photography; Axiological Foundations of Democracy; Rationalism in Polish Philosophy* (II Zielonogórskie Sympozjum Filozoficzne *Etetyka i racjonalność fotografii; Aksjologiczne podstawy demokracji; Racjonalizm w filozofii polskiej*), Zielona Góra, 2001  
*Organisers:* Prof. Jan Kurowicki, Prof. Włodzimierz Kaczocho, Prof. Ryszard Palacz
  - 3<sup>rd</sup> Zielona Góra Philosophical Symposium on *The Idea of Truth and Challenges of Relativism; On Karl Popper's Philosophy* (III Zielonogórskie Sympozjum Filozoficzne *Pojęcie prawdy i wyzwania relatywizmu; Wokół filozofii Karla Poppera*), Zielona Góra, 2002  
*Organiser:* Prof. Adam Grobler
  - 4<sup>th</sup> Zielona Góra Philosophical Symposium on *Philosophy versus Problems of the Contemporary Man* (IV Zielonogórskie Sympozjum Filozoficzne *Filozofia wobec problemów współczesnego człowieka*), Zielona Góra, 2003  
*Organisers:* Prof. Krzysztof Kaszyński, Prof. Włodzimierz Kaczocho, Dr. Beata Frydryczak

## Institute of Polish Studies

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Director:  
Deputy Director:

Prof. Jerzy Brzeziński  
Dr. Sławomir Kufel

### General information

The Institute of Polish Studies was established in 1972. At present it employs 44 staff members, including 8 professors, 25 doctors, and 11 Master's degree holders. It is comprised of the following divisions: the Division of the History of Literature, the Division of the Polish Language, the Division of the Theory of Literature, as well as the Division of Literature and Polish Language Teaching.

### Major research fields

- *Artistic and diarist's literary output of the Old Polish era: research into genre diversification and transformations of poetics. Literary imagination of Polish writers of the 19<sup>th</sup> and 20<sup>th</sup> centuries: topics – fascinations – obsessions with topics and images*
- *Language and style of literary and paraliterary texts from the 18<sup>th</sup> century till the middle of the 20<sup>th</sup> century: onomastics of contemporary informational texts; types of contemporary spoken language; comparative linguistics*
- *Genre structure and poetics of literary and paraliterary texts of the 19<sup>th</sup> and 20<sup>th</sup> centuries: genre transformations of the literature of the last 20 years; methodology of literary studies*
- *History of literary and language education since the middle of the 20<sup>th</sup> century: belles-lettres at school; transformations of contemporary curricula and textbooks*

## Publications

- *Humanities Education (Edukacja Humanistyczna)*, a scientific and educational annual. The Editorial Board comprises outstanding specialists in the field of education from several scientific institutions in Poland. Editor-in-Chief: M. Sinica.  
*Subject:* The journal provides information about the latest trends and solutions in cultural literary, historical, civic and language education.

## Scientific conferences

- National
  - *Context and Consituation in Linguistic Research (Kontekst i konsytuacja w badaniach lingwistycznych)*, 40<sup>th</sup> Convention of the Polish Linguistic Society, Zielona Góra, 1997  
*Organisers:* Prof. Jerzy Brzeziński, Prof. Krzysztof Maćkowiak
  - *Genres Evolving around Literature (Gatunki okołoliterackie)*, Szczawno Zdrój, 2000  
*Organisers:* Prof. Czesław P. Dutka, Dr. Małgorzata Mikołajczak
  - *Word to Be Looked at. The Sign and the Record in Artistic Transmission (Słowo do oglądania. Znak i zapis w przekazie artystycznym)*, Zielona Góra, 2002 (together with the Provincial and Municipal Public Library in Zielona Góra)  
*Organisers:* Prof. Czesław P. Dutka, Dr. Grzegorz Kubski

## Institute of Political Science

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Website: <http://www.ip.uz.zgora.pl>

Director:

Prof. Bernadetta Nitschke

Deputy Director:

Dr. Ryszard Michalak

## General information

The Institute of Political Science was established in 1997. It employs 30 academic staff members, including 8 professors, 10 doctors, and 12 Master's degree holders. It is comprised of the following divisions: the Division of International Relations, the Division of Political Systems, the Division of the History of Social Movements, the Division of the State and Law, the Division of Political Theory, and the Division of Political Marketing.

## Major research fields

- Means of mass communication in Poland and in the Lubuskie region
- German population in Poland
- Contemporary Polish political thought versus European integration
- Transformation in the countries of Central Europe
- Poland's political system
- Role of Poland in international relations
- Methodology of political science research

## International cooperation

- University of Applied Sciences (FH) in Vechta, Germany  
*Subject:* Polish-German relations
- University of Opawa, Czech Republic  
*Subject:* Transformation of political systems in the countries of Central and Eastern Europe

## Publications

- *Politica Nova. A Forum of Political Sciences (Politica Nova. Forum Nauk Politycznych)*, an annual published since 2003 together with the Institutes of Political Science of the University of Opole and of the University of Szczecin  
*Subject:* Ethnic politics; political marketing; elections

## Scientific conferences

- National
  - *Integration of Europe from the Perspective of Regions (Chances and Threats) (Integracja Europy z perspektywy regionów [szanse i zagrożenia])*, Zielona Góra/Przytok, 2001  
Organisers: Prof. Olgierd Cetwiński; Prof. Bernadetta Nitschke;  
Dr. Andrzej Piasecki
  - *Poland in the European Union (Polska w Unii Europejskiej)*, Zielona Góra, 2003  
Organisers: Prof. Czesław Osękowski; Prof. Wojciech Strzyżewski;  
Prof. Bernadetta Nitschke

## Teacher Training College of Foreign Languages

Address: Campus B, al. Wojska Polskiego 71 a, 65-762 Zielona Góra, Poland  
Phone: (+48 68) 3283165, fax: (+48 68) 3283156  
E-mail: Sekretariat@nkjo.uz.zgora.pl  
Website: <http://www.nkjo.uz.zgora.pl>

Director:  
Deputy Director:

Dr. Danuta Springer  
Ryszard Wilk, M.A.

## General information

The Teacher Training College of Foreign Languages is an educational unit established in 2002 as a result of integrating three independent units:

- Teacher Training College of English (founded in 1990),
- Teacher Training College of French (founded in 1991),
- Teacher Training College of German (founded in 1993).

At present the above-mentioned colleges function as language sections.

*Heads:*

English Section:  
 French Section:  
 German Section:

Ryszard Wilk, M.A.  
 Elżbieta Jastrzębska, M.A.  
 Dr. Danuta Springer

The College offers full-time and evening studies. After three years of studying and on passing the graduation exam, students obtain the Bachelor's degree and the right to teach a given language at elementary, junior high and senior high schools. Apart from a good command of languages, students receive methodological as well as psychological and educational training. They also learn about the culture of a given language group, literature, the language itself, its history and varieties.

## Major research fields

- Linguistics (lexicography, psycholinguistics, translation)
- Psychoeducational and psycholinguistic basis of English language teaching methodology
- Modern technologies in foreign language teaching (multimedia, the Internet)
- Autonomy in the process of learning/teaching
- Creativity in foreign language teaching
- Cross-cultural issues in foreign language education
- Terminological aspects of translation
- Contrastive studies on contemporary literature
- Integration and automation in foreign language teaching

## International cooperation

- British Council, Warsaw; English Language Programs Office, USIS; American Embassy  
*Scope:* English language teaching (training, conferences, teaching and methodological support materials)
- Goethe Institute, Warsaw/Munich, German Centre for Academic Exchange (DAAD)  
*Scope:* Student scholarships, conferences, training
- University Teacher Training Institute in Caen, France; University of Chambéry, France; University of Savoie, France; Pedagogical University in Karlsruhe, Germany  
*Scope:* Cooperation within the SOCRATES/Erasmus programme  
*Outcomes:* Student and staff exchange

## Department of Language and Social Communication

Address: Campus B, al. Wojska Polskiego 71, 65-762 Zielona Góra, Poland  
Phone: (+48 68) 3283140, fax: (+48 68) 3283279  
E-mail: Sekretariat@kkjs.uz.zgora.pl  
Website: <http://www.kkjs.uz.zgora.pl>

Head: Prof. Marian Bugajski

### General information

The Department of Language and Social Communication was founded in 1999. At present it employs 2 professors, 2 doctors and 6 Master's degree holders. The Department supervises the Student Linguistic Society *SEM* and the Student Radio Society.

### Major research fields

- Theoretical and practical aspects of language communication in the synchronic and the diachronic approach
- Formation of close communicative communities of the general Polish language in the 15<sup>th</sup>-18<sup>th</sup> centuries
- Normative aspects of contemporary language communication
- Contemporary Polish language in the media

### International cooperation

- University of Bonn, Germany  
*Subject:* Language and archival studies  
*Outcomes:* Series of lectures, publication on *Polish Rules of St. Clara's Order (Polskie reguły zakonu św. Klary)*, lecture by Prof. Hans Rothe delivered at the Zielona Góra Polish Studies Seminar
- Technical University of Dresden, Germany  
*Subject:* Social diversification of contemporary Polish

- University of Münster, Germany  
*Subject:* Project on *Bilingual Books of the Opole Town (Zweisprachigen Stadtbücher der Stadt Oppeln/Opole)*; state of German orthography as well as language and social results of its reform  
*Outcomes:* Publication on *Bilingual Books of the Opole Town (Zweisprachige Stadtbücher aus Opole/Oppeln)* (in cooperation with A. Dormann-Sellinghoff and I. T. Piirainen), ATUT Publishing House, Wrocław Educational Press, 2000; joint lectures; research programme financed by the Heinrich Hertz Foundation

### Publications

- *Zielona Góra Polish Studies Seminar 2001 (Zielonogórskie Seminarium Polonistyczne)* eds. S. Borawski, J. Brzeziński, University of Zielona Góra Press, 2002

### Scientific conferences

- National
  - *Normative Problems of Written Texts (Normatywna problematyka tekstów pisanych)*, Zielona Góra, 1998  
*Organiser:* Prof. Marian Bugajski
  - *Zielona Góra Polish Studies Seminar (Zielonogórskie Seminarium Polonistyczne)*, Zielona Góra, 2001  
*Organiser:* Prof. Stanisław Borawski



# SCHOOL OF SCIENCES AND ECONOMICS

<http://www.snse.uz.zgora.pl>

## Faculty of Management



Prof. Daniel Fic

Address: Campus A, ul. Podgórna 50, 65-246 Zielona Góra,  
Poland

Phone: (+48 68) 3282550, fax: (+48 68) 3282540

E-mail: [sekretariat@wz.uz.zgora.pl](mailto:sekretariat@wz.uz.zgora.pl)

Website: <http://www.wz.uz.zgora.pl>

Dean: Prof. Daniel Fic

Deputy Deans: Prof. Magdalena Graczyk

Prof. Werner Gaida

The Faculty of Management offers courses in the following subject areas of study:

- *Management and Marketing* (graduate, undergraduate),
- *Management and Marketing – Public Administration* (complementary),

and postgraduate courses in

- *Business Management on the European Market,*
- *School Management and Organisation,*
- *Tourism Management in the Region.*

The Faculty educates in general about 3415 (1310 full-time and 2105 part-time) students.

The Faculty employs 104 academic staff members, including 18 professors and 30 doctors.

The structure of the Faculty is as follows:

- Department of Fundamentals of Computer Science and Production Management
- Department of Production Systems Design

- Division of Controlling and Computer Science in Economics
- Division of Environment and Public Sector Economy Management
- Division of Human Resources Management in Organisations
- Division of International Economic and Political Relations
- Division of Macroeconomics and Finance
- Division of Management Psychology
- Division of Management Systems and Techniques
- Division of Marketing
- Division of Microeconomics and Social Policy.

### Major research fields

- Social, economic, organisational and environmental aspects of managing the businesses of the Śródkowe Nadodrze area under the conditions of market economy
- Controlling environmental systems of the Śródkowe Nadodrze area
- Environmental protection in the investment and constructional processes
- Enterprise and management in the organisations of the Śródkowe Nadodrze area
- Economic, political and cultural aspects of the functioning of a regional community
- Optimising the choice of the trajectory, tools and methods of management in a flexible and robotised production process; construction of algorithms of artificial neural networks training; object methods of software modelling
- Conditions and methods of decision-making processes in management
- Design of controlling information systems for small and medium businesses (MSP)
- Complex application of integrated computer systems of management of the ERP (Enterprise Resource Planning) class combined with the analysis of data uncertainty and systems profitability
- Problems of the application of choice theory to the analysis of macroeconomic issues
- Problems of international macroeconomic policy; formal and informal international agreements
- Design of management systems
- Specific features of social and economic systems of the most highly developed countries as well as world, regional and global integration processes
- Activity forecasting and simulations
- Processes of political and economic integration on different levels of the social and economic development

- Issues of the access of the countries of Eastern and Central Europe to the European Union and adaptation processes of the Polish social and economic system to the EU standards in the area of tasks set by the *Association Treaty* and the *White Book*.
- Conditions of the activity of small and medium businesses in Poland compared to EU standards
- Competitiveness of Polish businesses on the homogenous internal EU market
- Indices of the competitiveness of businesses and the region
- Management and operation of non-profit institutions
- Personnel manager psychology

### International cooperation

- University of Sheffield, UK  
*Subject:* Non-linear modelling of temporal series in finance economics
- University of Oviedo, Spain  
*Subject:* Contemporary managerism
- National Academy of Music of Ukraine, Kiev, Ukraine  
*Subject:* Art of advertising in mass culture  
*Outcomes:* Joint journal papers; academic staff development – one postdoctoral (*doctor habilitatis*) dissertation in progress
- F. Schiller University, Jena, Germany  
*Subject:* Application of artificial neural networks to medicine and industry  
*Outcomes:* Research project within DFG on *Optimal control of dynamic non-linear systems and recurrent neural networks*, 2002-2004.
- University of Kaiserslautern, Germany  
*Subject:* Implementation of the flexible planned cost calculation in the ERP system
- Technical University of Berlin, Germany  
*Subject:* Concept of virtual enterprises  
*Outcomes:* Implementation of the concept of the virtual enterprise in the ERP system, diploma theses
- Research within the Phare programme  
*Subject:* Supporting small and medium retailers in Poland  
*Outcomes:* Publications and seminars, including

- *Development of Trade in Poland. Differences between the Trade in the West and in Poland (Rozwój handlu w Polsce. Różnice między sytuacją handlu na zachodzie a handlem w Polsce)*, Zielona Góra, 1999
- *Development of Retail Trade in Poland and in Germany (Rozwój handlu detalicznego w Polsce i w Niemczech)*, Zielona Góra, 2002
- University of Paris, France  
*Subject:* Currency exchange rates in enterprise decisions. Economic and currency integration in the region and the effectiveness of financial decisions made in the enterprise
- German-Polish research project on *Centre of Graph Creation – Altona (Zentralstelle Grafschaft Glatz – Altona)*  
*Subject:* Works of Joseph Wiitig  
*Outcomes:* Publication *The Works of Joseph Wiitig (Twórczość Josepha Wiitiga)*, Nowa Ruda Publishing Press, 2001
- University of Potsdam, Germany  
*Subject:* Psychological support of business people  
*Outcomes:* Joint conferences, publications, research training
- Independent Environmental Institute – international project *Green League Berlin*  
*Subject:* Environmental protection and civic cooperation in the Polish and German borderlands

## Publications

- *Management*  
 The periodical has been published regularly since 1997, two issues per year – one in Polish and one in English. The editors represent 10 scientific institutions in Europe.  
*Subject:* Original works representing theoretical and empirical outcomes in the field of modern management, with particular emphasis on strategic management, marketing, including regional marketing, human resources management, changes management, the development of employees innovation, finance, production and the environment, are published. The works also address the issues of the application of computer science to management, including integrated managing and production systems, information systems, applications of robotics, etc.
- *Adapting the Management of Polish Businesses and Non-Profit Institutions to the Norms and Standards of the European Union (Dostosowanie zarządzania polskimi przedsiębiorstwami i instytucjami non-profit do norm i standardów Unii Europejskiej)*, ed. D. Fic, Bogdan Kokot vel Kokociński Printing Services, Zielona Góra, 2002

- *Functioning of Non-Profit Institutions on the Basis of European Norms and Standards (Funkcjonowanie instytucji non-profit w oparciu o normy i standardy europejskie)*, ed. M. Fic, Maria Press, Zielona Góra, 2002
- *Conditions of the Activity of Small and Medium Businesses in the Process of Joining the European Union (Warunki działania małych i średnich przedsiębiorstw wobec przystąpienia do Unii Europejskiej)*, ed. D. Fic, Maria Press, Zielona Góra, 2002

#### Scientific conferences

- International Scientific Conference on *Modern Business Management*, Zielona Góra/Łagów Lubuski, 2003  
*Organiser: Prof. Janina Stankiewicz*



## Faculty of Sciences



Prof. Mieczysław Borowiecki

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65-246 Zielona Góra, Poland  
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Website: <http://www.wns.uz.zgora.pl>

Dean: Prof. Mieczysław Borowiecki  
Deputy Deans: Prof. Piotr Rozmej  
Prof. Longin Rybiński

The Faculty of Sciences offers courses in the following subject areas of study:

- Astronomy (graduate),
- Computer Science and Econometrics (graduate, undergraduate),
- Mathematics (graduate, complementary, undergraduate),
- Physics (graduate, complementary),
- Technical Physics (undergraduate).

The Faculty provides education for about 1580 (1248 full-time and 332 part-time) students.

The Faculty employs 133 members of academic staff, including 43 professors and 41 doctors.

The Institute of Mathematics has the rights to confer postdoctoral (*doctor habilitatis*) and doctoral degrees in *mathematics*, while the Institute of Physics confers doctoral degrees in *physics*.

The structure of the Faculty is as follows:

- Institute of Astronomy
- Institute of Mathematics
- Institute of Physics

## Institute of Astronomy

Address: ul. Lubuska 2, 65-265 Zielona Góra, Poland

Phone/fax: (+48 68) 3287360

E-mail: [Sekretariat@ia.uz.zgora.pl](mailto:Sekretariat@ia.uz.zgora.pl)

Website: <http://www.ia.uz.zgora.pl>

Director:

Prof. Janusz Gil

### General information

The Institute of Astronomy was founded in 2000, replacing the Zielona Góra Centre of Astronomy. At present it employs 6 professors and 4 doctors.

### Major research fields

- Observations, theory and modelling of pulsar radiation
- Neutron stars, strange stars and black holes
- Plasma physics and astrophysics
- Celestial mechanics and a search for extra-solar planets
- Extra-galactic astronomy and cosmology

### International cooperation

- M. Planck Institute for Radioastronomy in Bonn, Germany  
*Subject: Pulsar observation*
- University of Rouen, France  
*Subject: Research into astronomical dynamic systems*
- Observatory of Bordeaux, France  
*Subject: Dynamics of extra-solar planetary systems*
- Chalmers University, Göteborg, Sweden  
*Subject: Neutron stars and black holes*
- University of Geneva, Switzerland  
*Subject: Cosmology*

## Institute of Mathematics

Address: Campus A, ul. Prof. Z. Szafrana 4a, 65-516 Zielona Góra, Poland

Phone: (+48 68) 3282873, 3282874, fax: (+48 68) 3282875

E-mail: [Sekretariat@im.uz.zgora.pl](mailto:Sekretariat@im.uz.zgora.pl)

Website: <http://www.im.uz.zgora.pl>

Director:

Prof. Roman Zmyślony

Deputy Directors:

Prof. Jerzy Motyl

Prof. Stefan Zontek

### General information

The Institute of Mathematics was founded in 1968. It employs 92 academic staff members, including 23 professors and 30 doctors. The Institute is comprised of the following units: the Division of Algebra and the Theory of Numbers, the Division of Mathematical Analysis, the Division of Functional Analysis and Topology, the Division of Mathematics Teaching, the Division of Discrete Mathematics and Computer Science, the Division of Finance Mathematics and Optimisation, the Division of Industrial Mathematics, the Division of Statistics and Econometrics, the Division of Probabilistic and Stochastic Processes, and the Computer Science Laboratory.

### Major research fields

- Functional analysis
- General algebra
- Optimisation methods
- Theory of graphs
- Theory of numbers
- Theory of games
- Theory of dynamic games
- Stochastic and differential inclusions

- Stochastic processes
- Probability calculus
- Mathematical statistics
- Differential and functional equations

## International cooperation

- Technical University of Ilmenau, Germany  
*Subject:* Methods of convex optimisation  
*Outcomes:* Organisation of the Polish-German Conference on *Optimisation Methods and Applications*, Żagań, Poland, 1999; semester lectures within the SOCRATES/Erasmus programme
- Extremadura University in Badajoz, Spain  
*Subject:* Non-linear methods and mathematical modelling  
*Outcomes:* Development of junior academic staff – one doctorate, several joint works, participation in the research project financed by the Spanish government on *Dynamics of Multiphase Flows across Interfaces*, supervision of a Spanish doctoral student during her stay at the University of Zielona Góra
- Dauphine University in Paris, France; University of Vienna, Austria  
*Subject:* Kinetic equations  
*Outcomes:* Two European research grants: POLONIUM (1999-2000) and KBN/OÄD (2000-2001); joint publications; since 2002 membership in the European network *Hyperbolic and Kinetic Equations*
- Technical University of Cottbus, Germany  
*Subject:* Optimisation  
*Outcomes:* Semester lectures within the SOCRATES/Erasmus programme; membership in the scientific committee of the Polish-French-German Conference on *Optimisation*, Cottbus, 2002
- University of Dortmund, Germany  
*Subject:* Linear models, parameter estimation
- University of Lisbon, Portugal  
*Subject:* Linear models
- Technical University of Košice, Slovak Republic  
*Subject:* Hereditary and extreme characteristics of graphs and hypergraphs

- P.J. Šafarik University, Košice, Slovak Republic  
*Subject:* Characteristics of graphs and hypergraphs
- Technical University, Delft, Holland  
*Subject:* Probability calculus  
*Outcomes:* Joint research works and publications, implementation of the SOCRATES/Erasmus programme

## Publications

- *Discussiones Mathematicae – Graph Theory*  
Two issues published annually in English since 2000. International editorial committee.  
*Subject:* Theory of graphs and their applications
- *Discussiones Mathematicae – Differential Inclusions, Control and Optimisation*  
Two issues published annually in English since 2000. International editorial committee.  
*Subject:* Differential and stochastic inclusions, and optimisation
- *Discussiones Mathematicae – General Algebra and Applications*  
Two issues published annually in English since 2000. International editorial committee.  
*Subject:* General algebras
- *Discussiones Mathematicae – Probability and Statistics*  
Two issues published annually in English since 2000. International editorial committee.  
*Subject:* Probability calculus, stochastic processes, and mathematical statistics

## Scientific conferences

- International
  - *International Mathematical Workshop*, Lubiatów, Gronów, held regularly, 1997-2001  
*Sections:* *Graph Theory, General Algebra, Stochastic Inclusions, Probability and Statistics*  
*Organisers:* Prof. Mieczysław Borowiecki, Prof. Kazimierz Głazek, Prof. Michał Kisielewicz, Prof. Jerzy Motyl, Prof. Roman Zmyślony
  - *Hereditarnia Workshop*, Zakopane, Kosice, Zielona Góra, Karpacz, held regularly, 1998-2003  
*Organiser:* Prof. Mieczysław Borowiecki

- International Conference on *Mathematical Statistics, LINSTAT'98*, Łagów Lubuski, 1998; *STATLIN'03*, Będlewo, 2003  
*Organisers:* Prof. Roman Zmyślony, Prof. Tadeusz Bednarski, Prof. Stanisław Gnot, Prof. Stefan Zontek
- Polish-German Conference on *Optimisation – Methods and Applications*, Żagań, 1999  
*Organiser:* Prof. Andrzej Cegielski
- French-German-Polish Conference on *Optimisation*, Cottbus, Germany, 2002  
*Organiser:* Prof. Andrzej Cegielski
- International Conference on *Functional Equations*, Gronów, 2002  
*Organisers:* Prof. Janusz Matkowski, Prof. Witold Jarczyk
- *Industry Days*, Zielona Góra, 2001  
*Organiser:* Prof. Wojciech Okraśniński
- International Workshop on *Graph Theory: Colouring, Independence and Domination*, Karpacz, 2003  
*Organiser:* Prof. Mieczysław Borowiecki
- National
  - *Mathematical Confrontations (Konfrontacje matematyczne)*, Zielona Góra, 1997-2000  
*Organisers:* Prof. Jerzy K. Baksalary, Prof. Marian Nowak



## Institute of Physics

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Email: [Sekretariat@if.uz.zgora.pl](mailto:Sekretariat@if.uz.zgora.pl)  
Website: <http://www.if.uz.zgora.pl>

Director: Prof. Piotr Garbaczewski  
Deputy Director: Prof. Kazimierz Biedrzycki

### General information

The Institute of Physics was established in 1971. At present it employs 31 academic staff members, including 14 professors and 7 doctors. The Institute is comprised of the following units: the Division of the Theory of Fundamental Interactions, the Division of Non-Linear Dynamics and Complex Systems, the Division of the Spectroscopy of Magnetic Resonance, the Division of Mathematical Methods in Physics, the Division of Dielectric Physics, and the Laboratory of Physics Teaching.

### Major research fields

- *Experimental research using the electron paramagnetic resonance (EPR) method:* analysis of the dynamics and structure of paramagnetic centres, analysis of the EPR spectrum of carbon, non-linear phenomena in fullerenes
- *Experimental research into dielectrics:* process of the generation and relaxation of surface charge and its multiphase electret, piezo- and piroelectric characteristics
- *Non-linear dynamical systems:* non-equilibrium dynamics of complex systems – theory and numerical modelling, non-equilibrium statistical physics, amorphous systems, genome dynamics (statistical analysis of genetic information)
- *Mathematical methods in physics:* stochastic and functional analysis as well as algebraic geometry in issues concerning atomic physics, quantum theory of many bodies, quantum field theory; quantum optics and Bose-Einstein condensates
- *Theory of fundamental interactions:* quantum groups, quantum theory of unstable systems, gauge groups in string and superstring theory, string models of interactions in the microworld

## International cooperation

- Heavy Ions Laboratory, Darmstadt, Germany  
*Subject:* Physics of atoms and nuclei: dynamics of wave packages
- University of Bielefeld, Germany  
*Subject:* Stochastic analysis – applications in physics
- Universities in Paris and Dijon, France  
*Subject:* Stochastic analysis, non-linear dynamics  
*Outcomes:* Implementation of the POLONIUM programme (1998-1999)
- University of Fukuoka, Japan  
*Subject:* Stochastic analysis  
*Outcomes:* Publication of journal papers, organisation or co-organisation of international Winter Schools of *Theoretical Physics* in Karpacz in the years 1978-2002 and *M. Born International Symposia* in the years 1998-2001 in Wrocław

## National cooperation

The Institute is a member of the scientific network LFPPI (Laboratory for Physical Principles of Information Processing [Laboratorium Fizycznych Podstaw Przetwarzania Informacji], <http://www.uz.zgora.pl/lfppl/>), financed by the Ministry of Scientific Research and Computerisation in Poland, coordinated by the Centre for Theoretical Physics of the Polish Academy of Sciences in Warsaw (<http://lfppl.cft.edu.pl>).



# SCHOOL OF ENGINEERING

<http://www.snt.uz.zgora.pl>

## Faculty of Civil and Environmental Engineering



*Prof. Tadeusz Kuczyński*

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Phone: (+48 68) 3282639, fax: (+48 68) 3247291  
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Website: <http://www.wils.uz.zgora.pl>

Dean: Prof. Tadeusz Kuczyński  
Deputy Deans: Prof. Beata Gabryś  
Dr. Marek Talaga

The Faculty of Civil and Environmental Engineering offers full-time and part-time courses in the following subject areas of study:

- *Environmental Engineering* (graduate and undergraduate),
- *Environmental Studies* (graduate and undergraduate),
- *Structural Engineering* (graduate and undergraduate).

The Faculty provides education for about 2300 (1500 full-time and 800 part-time) students.

The Faculty employs 117 academic staff members, including 29 professors and 42 doctors.

The Faculty has the rights to confer doctoral degrees in *structural engineering*.

The structure of the Faculty is as follows:

- Institute of Biotechnology and Environmental Sciences
- Institute of Environmental Engineering
- Institute of Structural Engineering.

# Institute of Biotechnology and Environmental Sciences

Address: ul. Monte Cassino 21b, 65-561 Zielona Góra, Poland  
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E-mail: [Sekretariat@ibos.uz.zgora.pl](mailto:Sekretariat@ibos.uz.zgora.pl)  
Website: <http://www.ibos.uz.zgora.pl>

Director:

Prof. Michał Stosik

Deputy Director:

Dr. Agnieszka Janiak-Osajca

## General information

The Institute of Biotechnology and Environmental Sciences was founded in 1994. It employs 28 academic staff members, including 9 professors, 7 doctors and 12 Master's degree holders. It is comprised of the following units: the Division of Biochemistry and Cellular Biology, the Division of Biophysics, the Division of Biology, the Division of Chemistry, the Division of Microbiology and Genetics, the Laboratory of Anatomy and Human Physiology, the Laboratory of Biotechnology, the Laboratory of Biological Processes Modelling, and the Laboratory of Environmental Protection.

## Major research fields

- *Biological membranes*: structure and function, transport of ions and organic low-particle compounds, influence of environmental factors on transport through model biological membranes, topological description of merger processes and the division of cells as well as subcell structures
- *Microorganisms*: influence of proton inhibitors on pH and oxygen concentration in microorganism cultures, resistance reaction in fish infected with the *Rhabdovirus carpio virus*, molecular analysis of *Escherichia coli* strains isolated from the lakes of the Obrzyca river reception basin and from exotic animals, characteristics of bacteriocyne produced by *Staphylococcus epidermidis*
- *Higher organisms*: taxonomy, ecology and philogenesis of chosen groups of vascular plants and terrestrial arthropoda; biology, environmentalism and programmes of the active protection of birds and small mammals in the Śródkowe Nadodrze area

- *Biological processes*: application of the theory of differential equations to the description of phenomena occurring in nature
- *Human ecology*: environmental conditions for the distribution of fatty tissue and the composition of human body, assessment of the degree of ailments of the motor system caused by professional and paraprofessional activities

## **I n s t i t u t e o f E n v i r o n m e n t a l E n g i n e e r i n g**

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Website: <http://www.iis.uz.zgora.pl>

Director:

Prof. Andrzej Jędrzak

Deputy Director:

Dr. Mirosław Mąkowski

### General information

The Institute of Environmental Engineering was established in 1975. At present it employs 41 academic staff members, including 11 professors, 15 doctors and 15 Master's degree holders. It is comprised of the following units: the Division of Sanitary Networks and Systems, the Division of Water, Wastewater and Waste Technologies, and the Division of Environment Restoration.

### Major research fields

- Protection of the quality of surface and underground waters and resources
- Technologies of wastewater treatment and sludge processing
- Biological treatment of waste
- Protection and reclamation of urbanised and industrial areas
- Emission of pollution and stench in agriculture
- Environmental toxicology
- Optimisation of power consumption in residential buildings, public and production facilities
- Using unconventional heat sources in buildings
- Trenchless technologies for the construction and renovation of underground installations
- Impact of forced and natural convection of fluid on the process of its solidification

## International cooperation

- University of Stuttgart, Germany  
*Subject:* Accumulation of heat based on the phase transformation of materials; impact of forced and natural convection of fluid on the process of its solidification
- Institute of Animals Breeding and Behaviour of the Federal Research Centre (FAL), Celle, Germany  
*Subject:* Influence of the type of bedding material on the health and productivity of poultry
- Institute of Biosystem Technique and Technology of the Federal Research Centre of Agriculture (FAL), Braunschweig, Germany  
*Subject:* Emission of pollution and stench in agriculture; development of the indices of balanced agriculture
- University of Minsk, Belarus  
*Subject:* Removing iron from underground waters containing larger amounts of organic substances
- University of Applied Sciences (FH) of Vechta, Germany  
*Subject:* Research into the removal of nitrogen components from water and wastewater in the soil and water environment
- Technical University of Berlin, Germany  
*Subject:* Use of purified wastewater
- Brandenburg Technical University of Cottbus, Germany  
*Subject:* Biology of reclaimed areas; protection and reclamation of postmining areas

## Publications

- *Scientific Papers of the Environmental Engineering (Inżynieria Środowiska)* series – one or two issues per year

## Scientific conferences

- International Conference on *Protection and Reclamation of the Odra River Basin Area*, held every third year, Zielona Góra
- National Conference on *Water, Wastewater, Waste in Environment (Woda, Ścieki i Odpady w Środowisku)*, held every year, Zielona Góra

## Institute of Structural Engineering

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Phone: (+48 68) 3282416, fax: (+48 68) 3247292  
E-mail: Sekretariat@ib.uz.zgora.pl  
Website: <http://www.ib.uz.zgora.pl>

Director:  
Deputy Director:

Prof. Romuald Świtka  
Dr. Marek Świdorski

### General information

The Institute of Structural Engineering was established in 1968. At present it employs 48 academic staff members, including 9 professors, 20 doctors and 19 Master's degree holders. It is comprised of the following units: the Division of General Structural Engineering and Architecture, the Division of Geotechnics and Geodesy, the Division of Building Constructions, the Division of Structural Engineering Technologies and Organisation, and the Division of Structural Mechanics.

### Major research fields

- *Mechanics of constructions*: mechanics of fibre composites, interaction of the construction with the ground, rheology and durability of wooden beams, non-homogenous constructions
- Computer methods of mechanics with inequality kinematic pairs
- *Building constructions*: shaping reinforced concrete constructions of given ductility, adaptation of two-way binding beams, expansion of steel and combined constructions, application of artificial neural networks, stability of plates, coats and thin-walled rods
- *Technology and organisation of structural engineering*: engineering and organisation of implementation and renovation investment processes, with particular emphasis on the latest technologies
- *Geotechnics and geodesy*: research into and assessment of subsoil with glaciotectionic faults in the Śródkowe Nadodrze area, application of neural networks
- *Architecture and general structural engineering*: revitalisation of historical objects and complexes, spatial design, building repair and maintenance, physics of constructions

## International cooperation

- University of Hannover, Germany; Brunel University, Uxbridge, UK  
*Subject:* Mathematical methods of mechanical engineering: numerical algorithms for initial and boundary issues in structural engineering, homogenisation of non-homogenous centres
- Texas University in Austin, USA  
*Subject:* Homogenisation of non-homogenous centres, adaptive finite elements methods
- Federal University of Technology in Lausanne, Switzerland  
*Subject:* EPIQR – European method of cost estimation of building renovation taking into account the improvement of the standard of apartments  
*Outcomes:* Application of EPIQR to the financing of renovational and thermomodernisational investments; developing and implementing the Polish version of EPIQR
- Research Centre of Structural Technology, Antipolis, Paris, France  
*Subject:* NAS-INVESTIMMO: multi-criteria tool supporting decision making in the investment process of building modernisation and maintenance  
*Outcomes:* NAS-INVESTIMMO research project within the 5<sup>th</sup> Framework Programme, 2002-2004
- Technical University of Košice, Slovak Republic  
*Subject:* Technological and organisational analysis of the implementation of mechanised construction works – publications, teaching aids
- Belarussian Polytechnical Academy, Minsk, Belarus  
*Subject:* Synergy processes in buildings  
*Outcomes:* Development of academic staff – one postdoctoral (*doctor habilitatis*) degree

## Publications

- *Scientific Papers (Zeszyty Naukowe)*, published since 1972 in a thematic series:
  - *Structural Engineering*,
  - *Issues of the Geotechnics of the Środkowe Nadodrze Area*,
  - *Architecture*.

# Faculty of Electrical Engineering, Computer Science and Telecommunications



Prof. Jerzy Bolikowski

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Dean: Prof. Jerzy Bolikowski  
Deputy Deans: Assoc. Prof. Wiesław Miczulski  
Dr. Andrzej Pieczyński

The Faculty of Electrical Engineering, Computer Science and Telecommunications offers full-time and part-time courses in the following subject areas of study:

- *Computer Science* (graduate, complementary, postgraduate),
- *Electrical Engineering* (graduate, complementary, undergraduate),
- *Electronics and Telecommunications* (undergraduate),

and postgraduate courses in

- *Computer Methods of Design in Electrical Engineering and Electronics,*
- *Computer Science,* with the following options for specialisation:  
*Internet Technologies and Computer Networks and Computer Science in Educational Processes,*
- *Information Protection Engineering in Data Communications Systems,*
- *Internet Technologies in Business Management,*
- *Quality of Electrical Energy Processing.*

The Faculty provides education for about 2760 (1340 full-time and 1420 part-time) students.

The Faculty employs 113 academic staff members, including 24 professors and 41 doctors.

The Faculty has the rights to confer postdoctoral (*doctor habilitatis*) and doctoral degrees in *electrical engineering*, and doctoral degrees in *computer science*.

Doctoral studies in the field of *electrical engineering* are also offered.

The structure of the Faculty is as follows:

- Institute of Computer Engineering and Electronics
- Institute of Control and Computation Engineering
- Institute of Electrical Engineering
- Institute of Electrical Metrology.

## **Institute of Computer Engineering and Electronics**

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Director:

Prof. Marian Adamski

Deputy Director:

Dr. Zbigniew Skowroński

### General information

The Institute of Computer Engineering and Electronics was established in 1991, and presently employs 5 professors, 11 doctors and 22 Master's degree holders. It is comprised of the following divisions: the Division of Electronics and Microprocessor Systems, the Division of Computer Engineering, and the Division of Computer Technologies.

### Major research fields

- Advanced methods of the analysis and synthesis of application specific integrated circuits (ASIC) design: hardware description languages (VHDL, Verilog HDL), programmable logic structures (FPGA, CPLD), computer-aided design of digital systems, reprogrammable hardware implementations of digital controllers based on Petri nets

- Hardware/software co-design: Petri nets as an intermediate representation between hardware description languages and design models, synthesis of reprogrammable concurrent digital systems, embedded systems, reprogrammable logic controllers (RLC) for industrial applications
- High efficiency multimedia communication systems: optimisation of computer networks architecture, techniques of data collection and re-distribution (distributed multimedia databases), methods of data transmission quality control and error correction
- Electronic devices and microprocessor systems: testing of controlling and measuring devices for electrical power quantities, construction of devices for measuring power network parameters, optimisation of the structures and algorithms of tester work, design of electronic devices and microprocessor systems

#### International cooperation

- Universities of Minho, Braga and Guimaraes, Portugal  
*Subject:* Design of reprogrammable logic controllers (since 1998)  
*Outcomes:* Joint research project supported by NATO on *Embedded Controllers*, 1999; publications
- Technical University of Ilmenau, Germany; University of Radioelectronics in Hagen, Germany  
*Subject:* Designing discrete control systems; applications of Petri nets (since 1995)  
*Outcomes:* Two consecutive research projects supported by the Local Government of Thuring: *Combining object modelling techniques with the traditional methods of computer engineering in the specification and design of distributed embedded systems of higher reliability*, 2000-2003, and *UML and Petri nets in designing embedded systems of higher reliability*, 2000-2003; implementation of the SOCRATES/Erasmus programme; jointly implemented project supported by the Ministry of Scientific Research and Computerisation in Poland; jointly organised conference on *Discrete-Event System Design, DESDes'01*; publications
- ALDEC Inc., Las Vegas, USA  
*Subject:* Design and testing of computer tools (CAD), particularly compilers and simulators for the VHDL and Verilog HDL languages – 12 research projects (since 1997)

*Outcomes:* Books, textbooks, software, reports, multimedia applications, long-term student practice in the USA (20 students), joint seminars and conferences

- Institute of Electrodynamics of the National Academy of Sciences of Ukraine, Kiev, Ukraine  
*Subject:* Construction and examination of the three-phase power quality parameters calibrator (since 1996)  
*Outcomes:* Exchanging technological information; working out new rules of designing precise models of a three-phase power net; publications
- European research project within EU 5PR (17 European countries) REASON IST-20-30-193  
*Subject:* Research and training action for system on chip design (2002-2004)  
*Outcomes:* Joint research and popularising projects; conferences, research and development works on microelectronics

### Scientific conferences

- International
  - Workshop on *Discrete-Event System Design, DESDes'01*, Przytok near Zielona Góra, 2001  
*Organisers:* Prof. Marian Adamski, Dr. Marek Węgrzyn
  - 27<sup>th</sup> IFAC/IFIP/IEEE Workshop on *Real-Time System Design, WRTP'03*, Łagów Lubuski, 2003  
*Organisers:* Prof. Marian Adamski, Dr. Marek Węgrzyn
- National
  - Scientific Conference on *Reprogrammable Digital Systems, RUC (Reprogramowalne Układy Cyfrowe, RUC)*, Szczecin, held regularly since 1998  
*Organiser:* Prof. Marian Adamski
  - Conference on *Electromagnetic Compatibility of Biological Systems (Kompatybilność elektromagnetyczna układów biologicznych)* Zielona Góra/Dychów, 2002  
*Organiser:* Prof. Marian Adamski

## Institute of Control and Computation Engineering

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Director:  
Deputy Director:

Prof. Józef Korbicz  
Prof. Dariusz Uciński

### General information

The Institute of Control and Computation Engineering was established in 1992. It employs 6 professors, 10 doctors and 11 Master's degree holders. It is comprised of the Division of Systems Analysis and Intelligent Computations, the Division of Computer Systems, and the Division of Data Communications and Computer Security.

### Major research fields

- *Intelligent computation systems*: artificial neural networks, fuzzy systems, expert systems, optimisation of integrated computation systems, global optimisation and evolutionary systems, cellular automata
- *Process diagnostics*: model-oriented approaches, robust state observers, neural and fuzzy classifiers, diagnostic advisory systems, industrial applications, optimisation of diagnostic systems design
- *2D and nD systems*: modelling, application to control theory, repetitive and hybrid systems, stabilisation and stability analysis
- *Distributed parameter systems*: modelling, optimal sensor location, state and parameter estimation, simulation of physical processes using the finite-element method and cellular automata
- *Computer networks and multimedia*: security in computer networks, electronic signature, cryptography and correction coding, steganography, detection and correction of manipulations on cryptograms, computer graphics, graphical and multimedia presentation of information, creating virtual reality

- *Computer systems*: acquisition and processing of information in information systems (data warehouses), processing information using groups of workstations (computational clusters)

## International cooperation

- University of Hull, UK  
*Subject*: Diagnostics of industrial processes  
*Outcomes*: Research projects within EU programmes: INCO-Copernicus (1997-1999) and the 5<sup>th</sup> Framework Programme (2000-2003) on *Development and Application of Methods for Actuator Diagnosis in Industrial Control Systems, DAMADICS*; publications and conferences; since 2000 – implementation of the SOCRATES/Erasmus programme
- University of Southampton, UK  
*Subject*: 2D and nD systems  
*Outcomes*: Organisation of the international workshop on *Multidimensional Systems, NDS*, Łagów Lubuski, 1998; and Czocho, 2000; publication of the collective monograph on *Recent Developments in nD Systems* (Taylor & Francis, 2001); since 2000 – implementation of the SOCRATES/Erasmus programme
- University of Perpignan, France  
*Subject*: Theory and applications of cellular automata  
*Outcomes*: Implementation of POLONIUM projects in the years 1997-1998 and 2001-2002; co-organisation of the 14<sup>th</sup> International Conference on *Mathematical Theory of Networks and Systems, MTNS*, Perpignan, 2001; participation in the defence of postdoctoral (*doctor habilitatis*) dissertations, 2000, and doctoral dissertations (reviewers, chairmen), 1999-2001; development of junior academic staff – one doctorate
- University of Hong Kong, China  
*Subject*: nD systems  
*Outcomes*: Project on *State Space Theory of Multidimensional Systems: Realization, Singularity and Stabilization* (2001-2002), financed by the University of Hong-Kong; two research visits; joint publications
- Queen Mary University of London; London School of Economics, UK  
*Subject*: Experimental design  
*Outcomes*: Project of the British Council/Ministry of Scientific Research and Computerisation in Poland on *Optimum Experimental Design for Multivariate Nonlinear Models* (2002-2004); research visits; publications

## Publications

- *International Journal of Applied Mathematics and Computer Science, AMCS*  
An international quarterly published since 1991 in English. The members of the Programme Board represent 8 scientific institutions of Europe, 4 – of Canada and the USA, and 10 – of other parts of the world.  
*Subject:* Mathematical methods in computer science, optimisation, contemporary control theory; methods and techniques of artificial intelligence, applications of computer science and mathematics
- Monographs
  - *Fault Diagnosis. Models, Artificial Intelligence, Applications*, eds. J. Korbicz, J.M. Kościelny, Z. Kowalczuk and W. Cholewa, Springer-Verlag, Heidelberg, 2004
  - Andrzej Janczak, *Identification of Wiener and Hammerstein Systems with Neural Network and Polynomial Models. Methods and Application*, University of Zielona Góra Press, 2002
  - Andrzej Obuchowicz, *Evolutionary Algorithms for Global Optimisation and Dynamic System Diagnosis*, Lubuskie Scientific Society, Zielona Góra, 2002
  - Andrzej Pieczyński, *Representation of Knowledge in a Diagnostic Expert System (Reprezentacja wiedzy w diagnostycznym systemie ekspertowym)*, Lubuskie Scientific Society, Zielona Góra, 2002 (in Polish)
  - Krzysztof Gałkowski, *State-Space Realizations of Linear 2D Systems with Extensions to the General  $nD$  ( $n \geq 2$ ) Case*, Springer-Verlag, London, LNCIS, 2001



## Scientific conferences

- International
  - Polish-German Symposium on *Science, Research, Education, SRE*, Zielona Góra, 2000  
*Organiser: Prof. Józef Korbicz*
  - International Workshop on *Multidimensional (nD) Systems, NDS*, Łagów Lubuski, 1998; Czocho, 2000; South Bend (USA), 2002  
*Organisers: Prof. Krzysztof Gałkowski, Prof. Eric Rogers (UK)*
  - 14<sup>th</sup> International Symposium on *Mathematical Theory of Networks and Systems, MTNS*, Perpignan, France, 2001  
*Organisers: Prof. Józef Korbicz, Prof. Dariusz Uciński, Prof. A. El. Jai (France)*
- National
  - 6<sup>th</sup> National Conference on *Evolutionary Algorithms and Global Optimisation (VI Krajowa Konferencja Algorytmy Ewolucyjne i Optymalizacja Globalna)*, Łagów Lubuski, 2003  
*Organisers: Prof. Józef Korbicz, Dr. Andrzej Obuchowicz, Dr. Jarosław Arabas*
  - 14<sup>th</sup> Polish Control Conference, *KKA (XIV Krajowa Konferencja Automatyki, KKA)*, Zielona Góra, 2002  
*Organisers: Prof. Józef Korbicz, Prof. Dariusz Uciński*
  - 3<sup>rd</sup> and 5<sup>th</sup> National Scientific and Technical Conference on *Diagnostics of Industrial Processes, DPP (3. i 5. Krajowa Konferencja Naukowo-Techniczna Diagnostyka Procesów Przemysłowych, DPP)*, Łagów Lubuski, 1997 and 2001  
*Organisers: Prof. Józef Korbicz, Dr. Andrzej Pieczyński*



## Institute of Electrical Engineering

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Director:

Prof. Ryszard Strzelecki

Deputy Director:

Dr. Zbigniew Fedyczak

### General information

The Institute of Electrical Engineering was founded in 1984. It employs 4 professors, 9 doctors and 8 Master's degree holders. It is comprised of the Division of Electromechanical and Power Engineering Systems, and the Division of the Control and Applications of Power Electronics Systems.

### Major research fields

- *Systems of flexible control of power transmission and quality:* topology and characteristics of various systems; microprocessor implementations (DSP) of control systems
- *Distributed systems of power distribution:* alternative sources of electrical power supply (wind generators, photovoltaic systems, fuel elements); power accumulators (ultracapacitors, fuel elements)
- *Measuring and examining EMC and power quality:* the impact of power engineering electronics converters on electromagnetic environment and the power supply network; electromagnetic emission and immunity on electromagnetic interference
- *Impulse AC transmission systems:* system topologies; electric coupling systems and electromagnetic (hybrid) coupling systems
- *Programming signal processors for applications to power electronics systems:* algorithms of digital signal processing and their implementation; using DSP for controlling power electronics systems; designing and implementing digital wave filters

### International cooperation

- Brandenburg Technical University of Cottbus, Germany

*Subject:* Associate generation systems

*Outcomes:* Research project within the EU PHARE CBC programme on *The influence of multienergy systems of dispersed generation on the improvement of the quality of the environment and the power electronics system in the Euroregion 'Sprewa-Nysa-Bóbr'*, 2003-2004.

## Publications

- Ryszard Strzelecki, Henryk Supronowicz, *Power Factor in Supplying Systems and Its Improvement Methods (Współczynnik mocy w systemach zasilania prądu przemiennego i metody jego poprawy)*, Warsaw University Press, 2000
- Zbigniew Fedyczak, *Impulse AC Voltage Transforming Circuits (Impulsowe układy transformujące napięcia przemiennie)*, University of Zielona Góra Press, 2003

## Scientific conferences

- International
  - Multi-Workshop on *Power Electronics Devices Compatibility, PEDC*, Słubice/Zielona Góra, 1999; Dychów/Zielona Góra, 2001  
*Organiser: Prof. Ryszard Strzelecki*
  - Workshop on *Compatibility in Power Electronics, CPE*, Gdańsk/Zielona Góra, 2003  
*Organiser: Prof. Ryszard Strzelecki*
- National
  - *Electrical Engineering – Non-Sinusoidal Currents, EPN (Elektrotechnika – Prądy Niesinusoidalne, EPN)*, Zielona Góra, held regularly since 1998  
*Organisers: Prof. Ryszard Strzelecki, Prof. Jerzy Bolikowski, Prof. Tadeusz Kurowski, Assoc. Prof. Wiesław Miczulski*
  - *Materials and Technologies in Electrical Engineering, MITEL (Materiały i Technologie w Elektrotechnice, MITEL)*, Gorzów Wlkp., 2000 and 2002  
*Organiser: Prof. Ryszard Strzelecki*

## Institute of Electrical Metrology

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Director:  
Deputy Director:

Prof. Jadwiga Lal-Jadziak  
Dr. Leszek Furmankiewicz

## General information

The Institute of Electrical Metrology was established in 1984. It employs 8 professors, 8 doctors and 11 Master's degree holders. The Institute is comprised of the Division of Electrical Metrology, the Division of Telecommunications, and the Division of Circuit Theory.

## Major research fields

- *Measuring devices and systems for monitoring technological processes and objects:* intelligent converters of electrical and non-electrical quantities, devices and systems for measuring power quality parameters, analysis and synthesis of distributed measuring and controlling systems; measuring systems – data processing, communication and visualisation
- *Artificial intelligence in the diagnostics of industrial processes and objects:* methods and techniques for acquiring diagnostic knowledge; integration of expert systems with visualisation and control systems, construction of hybrid expert systems; data warehouses for the needs of monitoring systems, control and diagnostics of industrial processes and objects
- *Precise comparisons of chosen electrical quantities and setting optimal working conditions in distortion circuits:* precise comparisons of chosen electrical quantities – impedance comparators, impedance measurements using the method of processing phase shifts angles, calibrators of electrical quantities, shaping the accuracy of correlation measurements using A-D conversion with the dither signal

## International cooperation

- University of Applied Sciences (FH) in Giessen-Friedberg, Germany  
*Subject:* Construction of intelligent measuring sensors of non-electrical quantities  
*Outcomes:* Joint publications; implementation of the SOCRATES/Erasmus programme

## Cooperation with industry

The scientific research activity of the Institute is focused mainly on the cooperation with regional industry implemented within research projects co-financed by the Ministry of Scientific Research and Computerisation in Poland, and within research works.

The cooperation results in numerous studies, the majority of which have already been implemented, including, in the past five years, the following:

- in the Centre for Research and Development (Ośrodek Badawczo-Rozwojowy) *METROL* Zielona Góra: meters and analysers of electrical power quality parameters rewarded with the *German-Polish Innovation Award 1999*, Guben, Germany
- in *METROL* Zielona Góra: bridges for the standard industrial networks facilitating the integration of measuring and controlling devices
- in *RELPOL* Żary: diagnostic system for the quality control of digital security automatics systems CZIP,
- in *CARGILL POLSKA* Warsaw: software for telemetric systems,
- in *INMEL* Zielona Góra: universal portable power calibrator 8000,
- in cooperation with *APATOR* Toruń: pre-paid electricity meters,
- within a research grant: world-class power calibrator *Inmel 8033*.

The Institute also conducts research works for the *GŁOGÓW* Copperworks (Huta Miedzi *GŁOGÓW*).

## Scientific conferences

- National
  - *Measuring Systems in Scientific Research and Industry (Systemy pomiarowe w badaniach naukowych i w przemyśle)*, Lubiatów, held regularly since 1996  
*Organisers:* Prof. Jerzy Bolikowski, Assoc. Prof. Wiesław Miczulski, Prof. Jadwiga Lal-Jadziak
  - *Electrical Engineering – Non-Sinusoidal Currents (Elektrotechnika – Prądy Niesinusoidalne)*, Zielona Góra, held regularly since 1995  
*Organisers:* Prof. Jerzy Bolikowski, Prof. Ryszard Strzelecki, Prof. Tadeusz Kurowski, Assoc. Prof. Wiesław Miczulski

# Faculty of Mechanical Engineering



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Dean: Prof. Edward Kowal  
Deputy Deans: Prof. Adam W. Bydątek  
Dr. Łucja Frąckowiak-Iwanicka

Prof. Edward Kowal

The Faculty of Mechanical Engineering offers full-time and part-time courses in the following subject areas of study:

- *Mechanics and Mechanical Engineering* (graduate, undergraduate),
- *Production Engineering and Management* (graduate, undergraduate),
- *Technical and Computer Education* (graduate, undergraduate),

and postgraduate courses in

- *Computer Science for Teachers,*
- *Occupational Safety,*
- *Professional Guidance and Enterprise.*

The Faculty educates in general about 2350 (1280 full-time and 1070 part-time) students.

The Faculty employs 155 staff members, including 22 professors and 42 doctors.

The Faculty has the right to confer doctoral degrees in *mechanical engineering and machine operation*.

The structure of the Faculty is as follows:

- Institute of Computer Science and Production Management
- Institute of Mechanical Engineering and Machine Operation
- Institute of Technical and Computer Education.

# Institute of Computer Science and Production Management

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Director: Prof. Zbigniew Banaszak  
Deputy Director: Dr. Julian Jakubowski

## General information

The Institute of Computer Science and Production Management was founded in 2002. It employs in general 51 staff members, including 6 professors, 16 doctors and 22 Master's degree holders. At present it is comprised of the following divisions: the Division of Logistics and Computer Systems, the Division of Applied Computer Science, the Division of Fundamentals of Machine Construction and Concurrent Design, and the Division of the Automation of Production Processes and Quality Engineering.

## Major research fields

- *Optimisation of constructions using computer-aided design*: methodology of concurrent design, procedures and algorithms of computer-aided design of machines and hydraulic systems
- *Modelling, visualisation and simulation in automated production processes*: computer integration of production; production-oriented design, quality assurance in automated production processes; optimisation of the allocation of inspection positions in a system depending on the assumed strategy of quality assurance
- *Different variants in the organisation of virtual enterprises*: modelling, management through projects, application of ERP-class systems
- *Computer technologies of network systems design*: modelling in multi-agent environments, methods of browsing computer networks, modelling real-time systems

## International cooperation

- Technical University of Delft, Holland; University of Bath, UK  
*Subject:* Theory, methods and means of design; computer-aided design  
*Outcomes:* Membership in the Programme Board of the *Journal of Engineering Design* and in the Scientific Committee of the international conference on *Tools and Methods of Competitive Engineering, TMCE* (since 1996)
- University of Applied Sciences (FH) in Würzburg, Germany  
*Subject:* Managing production processes  
*Outcomes:* Student exchange, research training, joint conferences (e.g., *ERPing 2002*, Plzen, Czech Republic, 2002; 11<sup>th</sup> International Scientific and Cooperational Conference *Bavaria-Poland*, Brno, Czech Republic, 2003), implementation of the SOCRATES/Erasmus programme
- Brandenburg Technical University of Cottbus, Germany  
*Subject:* Enterprise Resource Planning  
*Outcomes:* Organisation of conferences and scientific workshops (2<sup>nd</sup> International Workshop on *Logistics*, Zielona Góra, 2000; 3<sup>rd</sup> International Workshop on *Logistics: Computer Science and Internet Applications in Logistics*, Zielona Góra, 2001; *ERPing 2002*, Plzen, Czech Republic, 2002)
- Centre for the Implementation of Information Systems and Logistic Planning of the Fraunhofer Institute, Cottbus, Germany  
*Subject:* Logistic management  
*Outcomes:* Joint project with representatives of industry (*Kronopol Żary*, Poland; *Steinpol OK Meble*, Zielona Góra)
- University of Quebec, Hull, Canada  
*Subject:* Modelling production flows  
*Outcomes:* Organisation of the 6<sup>th</sup> IFAC Workshop on *Intelligent Manufacturing Systems*, Poznań, 2001
- University of Hampton, Virginia, USA  
*Subject:* Logistic management of transport and communication systems  
*Outcomes:* Academic exchange, research training, publications of research works
- Slovak University of Technology, Pilzno, Slovak Republic  
*Subject:* Computer technologies  
*Outcomes:* Academic exchange, membership in the Programme Committee of the *Journal of Electrical Engineering*

## Publications

- *Computer Systems of Management Engineering (Systemy informatyczne inżynierii zarządzania)*, ed. Z. Banaszak, Technical University of Zielona Góra Press, 2001
- Conference proceedings of the *International Seminar and Workshop on Engineering Design in Integrated Product Development, EDIProD*, ed. R. Rohatyński, Technical University of Zielona Góra Press, 1998, 2000, University of Zielona Góra Press, 2002.

## Scientific conferences

- International
  - Seminar and Workshop on *Engineering Design in Integrated Product Development, EDIProD*, Zielona Góra/Sobótka, 1998; Zielona Góra/Dychów, 2000; Zielona Góra, Łągów Lubuski, 2002  
*Organisers:* Prof. Ryszard Rohatyński, Dr. Roman Sobczak, Dr. Julian Jakubowski
  - Workshop on *Applications of Computer Science to Logistics*, Zielona Góra, 2003  
*Organiser:* Dr. Sławomir Kłos

## **Institute of Mechanical Engineering and Machine Operation**

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Director:  
Deputy Director:

Prof. Stanisław Laber  
Dr. Jerzy Godziszewski

## General information

The Institute of Mechanical Engineering and Machine Operation was founded in 2002. At present it is comprised of the following divisions: the Division of Mechanics, the Division of Lossless Technologies and Materials Science, the Division of Loss Technologies and Machine Operation, and the Division of Automotive Engineering. The Institute employs 58 staff members, including 8 professors, 14 doctors and 18 Master's degree holders.

## Major research fields

- *Calculation and examination of thin-walled constructions:* surface girders and frames, layer and composite constructions (beams, rods, plates, shields and coats)
- Vibroacoustics of machines and devices
- *Vehicle reliability tests:* removal of gross errors occurring during operational testing
- Fatigue strength of composite materials
- *Mathematical methods of mechanics:* rheodynamics of microstructure fluids, rheodynamics of general fluids of the second order
- Mechanics of intelligent materials, electrorheology
- *Optimisation of the methods of loss machining:* characteristics of the surface layer, construction steels, cast irons, BIOLINE materials and others
- Machinability of modern construction materials in the processes of turning machining, drilling, milling, reaming, grinding and others
- *Application characteristics of mechanical parts:* tribological characteristics, resistance to seizure, contact and fatigue strength, corrosivity
- Tribological characteristics of oils and lubricants
- *Criteria for the assessment of the usefulness of industrial oils:* usefulness of new technologies of oil replacement in IC engines
- *Theory of foundry processes:* metals and alloys crystallisation, refining copper and its alloys using slag activated with calcium carbide, mechanisms of nucleus-founding modification in copper and aluminium alloys, mould-filling capacity, casting stress and shrinkage
- *Materials science and optimisation:* quantity and quality analysis of the structures of metals and alloys, thermochemical treatment of engineering materials and biomaterials, biomechanical and biotoleration examination of implants

## International cooperation

- Technical University of Berlin, Germany; Institute of Mass and Heat Transfer in Minsk, Belarus  
*Subject:* Flow of general fluids of the second order in axial and symmetric configurations
- Belarussian State Technical University of Minsk, Belarus  
*Subject:* Tribological characteristics of pivots after laser surfacing; developing the methodology of resistant design of technological processes of the surface treatment of machine elements and equipment
- Moscow State Technical University STANKIN, Russia; the University of Zilina, Slovak Republic  
*Subject:* Protecting the necessary characteristics of the operating surface layer in the process of the production of machine elements in ecological conditions  
*Outcomes:* Joint monograph on *Shaping the State of the Surface Layer (Kształtowanie stanu warstwy wierzchniej)*, Moscow 2002; exchange of research results; student practice exchange
- Technical University of Aachen, and Technical University of Berlin, Germany  
*Subject:* Modification of copper and aluminium alloys; silumin flow in casting mould channels  
*Outcomes:* Two 18-month research training programmes within the Alexander von Humboldt Foundation scholarship (1983-1985 and 1994-1995, Aachen); publications
- Glubkin State Academy of Petroleum and Gas in Moscow, Russia  
*Subject:* Modification of the operating conditions of friction kinematic pairs using operation specimens
- Hallam University, Sheffield, UK  
*Subject:* Application of scanning methods to the examination of local corrosion
- Cambridge University, UK; Technical University of Brno, Czech Republic  
*Subject:* Electrochemical refining of metals and their alloys  
*Outcomes:* Bilateral implementation of the project on *Electrochemical Refining of Metals and Their Alloys (Elektrochemiczna rafinacja metali i ich stopów)*, 2000-2002, within the Polish-British Collaboration Programme; publications

## Publications

- *International Journal of Applied Mechanics and Engineering*  
An international quarterly published since 1996 in English. The members of the Programme Board represent 30 scientific institutions in Europe, 6 in the USA and Canada, and 15 in other parts of the world.  
*Subject:* Scientific aspects of mechanical engineering, in particular: elasticity theory, plasticity theory, vibration theory, mechanics of structures and fluids, magnetohydrodynamics, thermodynamics, rheology, tribology.

## Scientific conferences

- International
  - *Tribology*, Zielona Góra, 1999 and 2000  
*Organiser:* Prof. Edward Walicki
  - *Engineering Rheology, ICER*, Zielona Góra, 1999 and 2003  
*Organiser:* Prof. Edward Walicki

## Institute of Technical and Computer Education

Address: Campus B, al. Wojska Polskiego 65, 65-762 Zielona Góra, Poland  
Phone: (+48 68) 3284746, fax: (+48 68) 3284750  
E-mail: [Sekretariat@eti.uz.zgora.pl](mailto:Sekretariat@eti.uz.zgora.pl)  
Website: <http://www.eti.uz.zgora.pl>

Director: Prof. Bogusław Pietrulewicz  
Deputy Director: Dr. Ryszard Matysiak

## General information

The Institute of Technical and Computer Education was founded in 1983. It employs 46 academic staff members, including 8 professors, 13 doctors and 18 Master's degree holders. It is comprised of the following units: the Division of Technical,

Computer and Vocational Training, the Division of Fundamentals of Technological Research, the Division of Working Environment Engineering, and the Division of Automation and Computer Technologies.

### Major research fields

- *Optimisation of thin-walled constructions*: modelling of thermodynamic phenomena in dry and lubricated porous media
- *Pro-environmental technologies*: unconventional methods of production; working environment engineering
- Worker-dependent productivity
- Educational problems of part-time studies
- Network modelling of complex digital systems

### International cooperation

- Tarnopol State Pedagogical University, Ukraine  
*Subject*: Professional development of youth  
*Outcomes*: Organisation of the conference on *Preparing School Youth for Work – the Present State and the Perspectives (Przygotowanie do pracy młodzieży szkolnej stan i perspektywy)*, Tarnopol, 1999; development of academic staff (doctorate); edition of *Scientific Papers (Zeszyty Naukowe)*
- Russian Academy of Education in Moscow, Russia  
*Subject*: Technology of education  
*Outcomes*: Organisation of the conference on *Education as a Means of the Development of the Individual, Society and State (Kształcenie jako środek rozwoju człowieka, społeczności i państwa)*, Vitebsk, 1997; development of academic staff (five postdoctoral (*doctor habilitatis*) dissertations and one doctorate)
- Pedagogical University of Potsdam, Germany  
*Subject*: Economy-oriented staff training  
*Outcomes*: Organisation of the conference on *Professional Training and Development of Workers (Przygotowanie i doskonalenie zawodowe pracowników)*, Zielona Góra 1997, 2002, and Drzonków, 1998; student exchange; joint monograph on *Teaching Techniques and Contracts (Technik und Beruf Beiträge zur Didaktik)*, Zielona Góra/Potsdam, 2001

## Publications

- *Scientific Papers (Zeszyty Naukowe)*
  - *Work Ethics and Education (Pedagogika Pracy)*
  - *Technological Research (Technika)*

## Scientific conferences

- National conference on *Applications of Ergonomics (Zastosowania Ergonomii)*, Łagów Lubuski, 1998  
*Organiser: Prof. Edward Kowal*



## University Library

Address: Campus B, al. Wojska Polskiego 69, 65-762 Zielona Góra, Poland

Phone/fax: (+48 68) 3283100

E-mail: BU@uz.zgora.pl

Website: <http://www.bu.uz.zgora.pl>

Head:

Ewa Adaszyńska, M.A.

Deputy Head:

Grażyna Lipińska-Nowak, M.A.

### General information

The University Library is the largest scientific library in the region. Its collections address the scientific and research as well as educational needs of the entire academic community. It collects literature on subject areas explored at the University. The Library assembles book collections on fine arts, the humanities, social sciences, education, engineering, sciences, and economics. The collections are versatile with the emphasis on scientific disciplines represented by the University.

The University Library is comprised of:

- Library of Arts, Humanities and Social Sciences
- Library of Engineering, Sciences and Economics.

The University Library and the network of specialised libraries form a uniform library and information system of the University. The libraries organise the scientific and educational basis and collect various library materials according to subject areas of study and the needs of the environment.

The collections of the University Library together with the book collections of the specialised libraries amount to about 800000 items, including 440000 books, 295000 items in special collections and 65000 journals.

We subscribe to about 1500 printed journals and over 2000 journals of the Springer, Kluwer, Elsevier and Academic Press publishing houses in electronic versions as well as about 40 Polish and foreign electronic databases on the humanities, social sciences, engineering, the sciences and economics.

### The offer

We offer

- specialised collections on fine arts, music, culture, literature, linguistics, language and social communication, history, political science, philosophy, sociology, psychology, education, physical education, mathematics, physics, astronomy, architecture, structural engineering, automatics, computer science, electronics, electrical engineering, mechanical engineering, environmental engineering, environmental protection, economics, organisation and management; unique special collections, especially regional,
- extensive information basis (specialised information publications, full-text and bibliographical electronic databases, multimedia publications),
- special collections (old prints; cartographic, graphic, music, audiovisual collections; norms, patents).

Our readers have access to

- general and specialised reading rooms, journal reading rooms; scientific and bibliographical information, norms and patents reading rooms
- local libraries and inter-library loans
- scientific information centres giving access to information about national and world scientific achievements,
- multimedia laboratory, computers and terminals giving access to library computer programmes and the Internet (60 stands),
- electronic catalogues of library collections,
- electronic library for on-line book ordering and reserving,
- specialist stands for book servicing, photocopiers,
- galleries presenting the works of outstanding Polish artists and graphic collections.

We create our own electronic databases of

- collections (books, journals, old prints, music and graphic collections),
- scientific publications of our academic staff.

The Library is equipped with the computer system of library management PROLIB, which automatically collects, describes, finds and loans library materials. The electronic catalogue of our collections contains 250000 records with book descriptions, and is available on the Intranet and the Internet.

The University Library constitutes a scientific information centre as well as the Regional Centre of Patent Information for the entire region. Our collection of norms, patents, and trademarks is one of the largest in the Lubuskie province.

We cooperate with about 120 scientific institutions home and abroad in the field of book exchange. We host numerous exhibitions and meetings with significant Polish artists, especially those specialising in graphic arts. Our collections of graphics are presented in many museums home and abroad.

## Computer Centre

Address: Campus A, ul. Szafrana 2, 65-246 Zielona Góra, Poland

Phone: (+48 68) 3282525, fax: (+48 68) 3244012

E-mail: CK@uz.zgora.pl

Website: <http://www.ck.uz.zgora.pl>

Director:

Dr. Janusz Baranowski

### General information

The Computer Centre manages the University Computer Network and the Zielona Góra Metropolitan Area Network, ZielMAN.

As the University Computer Network is based on modern ATM and Gigabit Ethernet technologies, it is considered one of the most modern networks in the country.

Currently the connection with the Internet is realised through the metropolitan network ZielMAN, connected to the Polish Scientific Broadband Network POL-34/155 and the TP Net.

## Services

The Computer centre offers a full range of Internet services for the city and the province. At present there are over 1700 computers of scientific and research institutions connected to our network, and we also provide Internet services for over 300 companies, state and local administration offices, public higher education institutions, libraries and private persons. The University is the largest provider of Internet services in the province. For example, using the infrastructure of ZielMAN, we connect the local administrative units and the regional emergency centre with the City Hall.

The Computer Centre uses advanced hardware produced by the leading network equipment manufacturers and employs highly qualified technical staff.

## Training

The Centre participates in the CISCO Networking Academy programme and in January 2001 was granted the rights of a Regional and Local CISCO Academy.

The cooperation with schools in the Lubuskie and neighbouring provinces resulted in the formation of 12 Local Academies, which collaborate with the University Regional Academy. The CISCO network laboratory is one of the most advanced at the University and is extensively used for training network administrators both for the University and regional businesses. It also organises classes for full-time students as part of courses related to computer network design.

## PIONIER Programme

As the leading unit of ZielMAN, the Computer Centre of the University of Zielona Góra has signed, together with other major academic centres in Poland, the *Agreement on constructing the Polish optical Internet under the PIONIER programme (2001-2005)*. Our participation in that programme will allow connecting ZielMAN with the POL 34/155 network using optical fibres, of the capacity of at least 10 Gb/s, with the possibility of upgrading it to a few dozen Gb/s.

## Websites

An important task of the Computer Centre is the presentation of the University of Zielona Góra on the world wide web. We manage, among other things, the University main

website, available at <http://www.uz.zgora.pl>, which contains general information on the University.

The Centre also manages the [www.zgora.pl](http://www.zgora.pl) site, which since 1995 has been presenting information about Zielona Góra and the region. It is known as the *Zielona Góra Website*, and offers access to, for example, a city map.

## University Press

Address: Campus A, ul. Podgórna 50, 65-246 Zielona Góra, Poland

Tel. (+48 68) 3287863, 3287864; fax: (+48 68) 3270382

E-mail: [ow@uz.zgora.pl](mailto:ow@uz.zgora.pl)

Website: <http://www.ow.uz.zgora.pl>

Head: Irena Bulczyńska, M.A.

The University Press publishes the scientific achievements of the University staff, including postdoctoral (*doctor habilitatis*) dissertations, monographs, conference proceedings, and textbooks. They are usually low-circulation publications, covering various scientific disciplines. On average, 60 items are published annually, totalling to 800 printed sheets, which is a considerable number for a staff of only 7.

The Press also distributes the publications. Thanks to our website we have increased the scope of information about books published at the University. We stay in touch with our regular customers – booksellers and wholesalers all over the country. We also accept individual mail orders.

We regularly participate in book fairs, e.g., in the *Scientific Book Days* in Poznań (*Dni Książki Naukowej*), in the *Scientific Books Fair* in Wrocław (*Targi Książki Naukowej*) and in the *Cracow Bookseller Fair* (*Krakowskie Targi Księgarskie*). This allows us to broaden our relations and promote our publications all over the country.

We are members of the Society of University Publishers (Stowarzyszenia Wydawców Szkół Wyższych), integrating publishing houses of Polish higher education institutions. In June 2003 we organised another conference of the Society. Co-financed by the Ministry of National Education and Sports, the conference attracted many publishers from all over Poland.

## Department of Physical Education and Sports

Address: Campus A. ul. Podgórna 50, 65-246 Zielona Góra, Poland

Phone: (+48 68) 3282425; fax: (+48 68) 3245597

E-mail: SWFS@uz.zgora.pl

Website: <http://www.swfs.uz.zgora.pl>

Head: Władysław Leśniak, M.A.

### General information

The Department of Physical Education and Sports employs 19 teachers.

Our activity is aimed at further improvement of the model system of education provided for the students of our University, which is part of the flexible system of education. It stimulates students' interest in sports and tourism, and enables them to exercise towards better health and fitness.

### Offer

The *physical education* curriculum is formed in a way allowing everyone to find something fitting their needs and capabilities. Obligatory courses are carried out in connection with faculty curricula. Our students can choose from the following 10 disciplines:

- basketball,
- body-building,
- football,
- general physical development,
- horse-riding,
- music and movement,
- rehabilitation,
- swimming,
- tennis,
- volleyball.

For students who are not able to participate in normal classes and for those with faulty posture we offer rehabilitation classes. Additionally, for students who are not obliged to take physical education we offer elective PE courses, which take place in the afternoons and attract a great number of students.

It is crucial to stress the very positive attitude towards sports at our University. Sports is the domain of the University Club of the Academic Sports Association (AZS), which is an independent academic youth organisation associating about 700 members in 17 sections:

- aerobics,
- bridge,
- handball,
- ju-jitsu,
- men basketball,
- sailing,
- table tennis,
- uni-hockey,
- women volleyball,
- body-building,
- dart.
- horse-riding,
- karate,
- men volleyball,
- swimming,
- tennis,
- women basketball,

The sports showcase of our University are sports games: volleyball, handball, table tennis. Our teams compete within the second league at the central level. Every year they present a higher sports level, which gives us hope for promotion to the first league. Our students have succeeded considerably in the Polish Championships of University Types (Mistrzostwa Polski Typu Uczelni). Medals have been brought home by basketball players, handball players, table tennis players and combat sports sections.

Every year in May the Department, the University Club of the Academic Sports Association and the Environmental Club organise various sports events for our academic community, called the *Student Sports Days (Dni Sportu Studenckiego)*. The aim of those is popularising sports among students and academic staff, and integrating the academic community of Zielona Góra and the Lubuskie province. The events attract the students and staff of five regional higher education institutions: the State Higher School of Vocational Education in Sulechów, the State Higher School of Vocational Education in Gorzów Wielkopolski, the Academy of Physical Education in Gorzów Wielkopolski, the Higher School of Computer Vocational Education in Gorzów Wielkopolski, and the University of Zielona Góra.

The Department offers access to two sports halls, a gymnasium, two body-building gyms, tennis courts, sports fields and a horse riding centre. The classes are also held at a local swimming pool and the Municipal Sports Centre.

## Department of Career Planning

Address: Campus B, al. Wojska Polskiego 69, 65-762 Zielona Góra, Poland

Phone/fax: (+48 68) 3283267, 3283268, tel. (+48 68) 3283278

E-mail: [BK@uz.zgora.pl](mailto:BK@uz.zgora.pl)

Website: <http://www.bk.uz.zgora.pl>

Head:

Irena Rębisz, M.Sc.

### General information

The Department of Career Planning is a mediator between our students, graduates and the job market. We collect information about the current demands and needs of potential employers and pass it on to our students and graduates.

### The offer

The Department offers:

- career guidance (individual and group) to our students and graduates, which helps to:
  - establish their professional predispositions and advise them on their career path,
  - present in a best way their capabilities to potential employers (job search training, CVs and cover letters writing, job interviews, salary negotiations, etc.)
- information about the job market (companies, their recruitment plans and employment procedures, units, products, etc.) and possibilities of developing candidates' professional qualifications and the command of foreign languages, scholarships home and abroad, postgraduate courses;
- access to: full-time and part-time jobs, positions for volunteers, as well as offers of training courses home and abroad;
- database of students and graduates looking for a job, and the possibility of selecting applicants with desired qualifications in order to pass their data on to recruiting employers;

- organisation of personal meetings of students and graduates with employers, e.g., presentations of companies, seminars, job fairs, etc. at the University
- access to:
  - various catalogues, e.g., trade catalogues, catalogues from job fairs, etc.
  - information about professions (descriptions of professions and positions),
  - newspapers and magazines containing current job offers and information about the job market,
  - materials about setting up and running one's own businesses,
  - information about labour law,
  - websites helpful when looking for a job (it is possible to browse the Internet at the Department),
  - analysis of the job market in the Lubuskie province.

### Invitation

The Department welcomes:

- students and graduates who seek professional advice and information about the job market,
- employers seeking the best-qualified candidates for training, internship and vacancies,
- the University itself for the verification of the educational structure and curricula, possible thanks to the data obtained at the Department.

### Our achievements

- Grant of the Ministry of Employment and Social Policy within the Programme of Professional Activation of Graduates *First Job* (Program Aktywizacji Zawodowej Absolwentów *Pierwsza Praca*).

Within the framework of a project related to the grant we organised the 1<sup>st</sup> Zielona Góra Job Fair – Vacancy 2003 (*I Zielonogórskie Targi Pracy – Etat 2003*). It was targeted at our students and graduates as well as those of the State Higher School of Vocational Education in Sulechów. The attractive programme of the Fair, including lectures, workshops and multimedia presentations of the exhibitors, attracted this year's high school graduates as well as other people looking for a job.

## Youth Counselling Centre

Address: ul. Energetyków 2, 65-729 Zielona Góra, Poland

Phone: (+48 68) 3282977, fax: (+48 68) 3282978

E-mail: PM@uz.zgora.pl

Website: <http://www.pm.uz.zgora.pl>

Head:

Prof. Zbigniew Izdebski

### General information

The Youth Counselling Centre was founded in September 2002.

### Aims

- Providing support in crisis situations to school and University students, citizens of Zielona Góra and the neighbourhood
- Psychological counselling related to sexual and family abuse
- Post-abuse therapy
- Aiding the psycho-sexual development of youth
- Teaching and developing interpersonal capabilities, support groups for school and University students
- Advocating pro-health education
- HIV/AIDS and STDs prevention
- HIV/AIDS pre- and post-test counselling
- Education and counselling of various social and professional groups using the media (local radio stations, local and public TV, newspapers)
- Keeping record of examinations of sexually abused children
- International cooperation with the Baltic countries
- Scientific research
- Monitoring child pornography on the Internet

## Forms of work

- Individual and group therapy
- Training for various professional and social groups: students, teachers, psychologists, police officers, prosecuting attorneys, medical doctors and others
- Conferences, seminars, training, public lectures
- Cooperation with the media and public institutions
- Hosting support and development groups
- Constant cooperation with associations and non-governmental organisations:
  - Association for Fighting against Child Prostitution and Pornography, PRO-ECPAT
  - Family Development Society
  - Association for the Prevention of HIV/AIDS and Other Sexually Transmitted Diseases, TADA

## Achievements

- Seminar on *Ability to Work with Children with ADHD (Attention Deficit Hyperactivity Disorder) (Umiejętność pracy z dziećmi z nadpobudliwością psychoruchową)*, lecturer: Prof. Tomasz Wolańczyk of the Warsaw Medical Academy, 2002
- International conference on *Interpersonal Communication in the Process of Aiding – Using Balint Groups for Improving Psychological Competences*, in cooperation with the Polish Balint Society, 2003

## International cooperation

- With the Baltic countries in the field of preventing all forms of child abuse: helping and supporting children, mobility:
  - Vilnius, Lithuania, Centre for Child Support (November 2002)
  - Oslo, Norway, NOVA Research Centre (May 2003)
  - Stockholm, Sweden, Ministry of Health and Social Policy (February 2003)
  - Lubecka, Germany, Centre for Child Support (March 2003)
- Sending and presenting on an international website reports and information about events in Poland related to the prevention of child prostitution and pornography.

## Academic Radio Station INDEX

Address: Campus A, ul. Podgórna 50, 65-246 Zielona Góra, Poland  
Phone: (+48 68) 3282602, fax: (+48 68) 3245593  
E-mail: [Radio@index.zgora.pl](mailto:Radio@index.zgora.pl)  
Website: <http://www.index.zgora.pl>

Editor-in-Chief:  
Associate Editor:

Grzegorz Chwalibóg, B.Sc.  
Sławomir Siembida, M.Sc.

### General information

Legal basis of the activity: licence granted by the National Radio and Television Council

Transmitter power: 100W

Range: ca. 50 KM

Broadcasting hours: 0.00 24.00

Frequency: 96 MHz

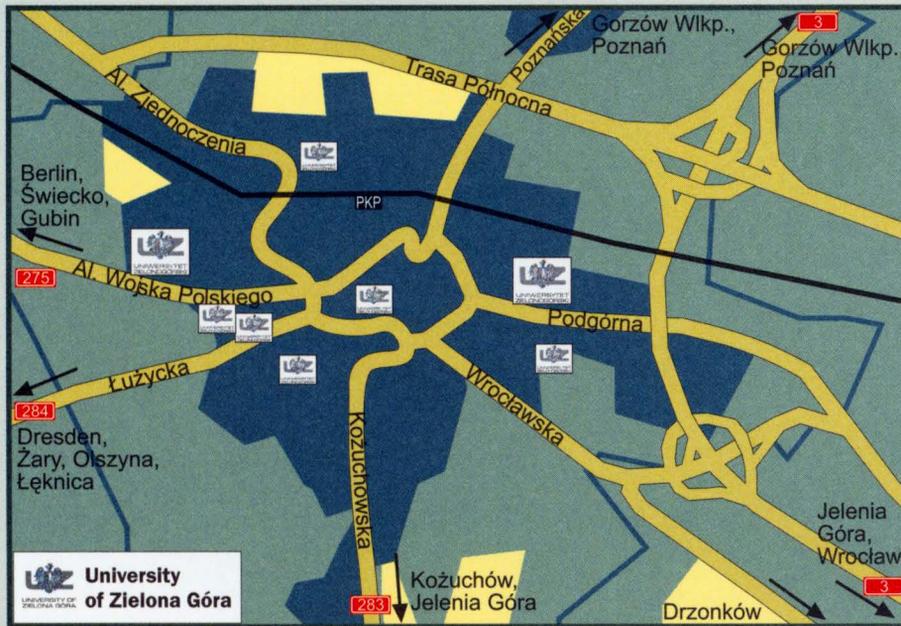
The Academic Radio Station *Index* originated from the Student Radio Station *The Screw* (*Śrubka*). In 1996 we received the licence of the National Radio and Television Council, and have been broadcasting continuously since 1 April 1998. Our target listeners and young people, and the programme objective is broadly understood promotion of the University of Zielona Góra. The staff is a group of 50 members responsible for information, music, sports and production. For more details such as the history, programme outline, and advertisement rates, please visit our website.

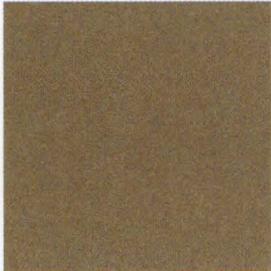
### Achievements

Thanks to online live broadcast, we have listeners all over the world, e.g., we keep in touch with our New York listeners. According to an opinion poll, among people between 15 and 30 years of age we have a wider audience than the public radio station *The West* (*Zachód*). In 2002 we obtained a grant from the Polish National Bank for the implementation of the *Radio University of Saving* (*Radiowy Uniwersytet Oszczędzania*). In sports competitions of the local media, our staff have often won the main prizes, and we have also been repeated winners in journalist car rallies.

Tune in to 96 MHz!

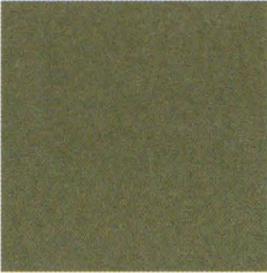
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