

Curriculum Vitae

Name: Piotr Magnuszewski
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Professional Preparation

Wroclaw University of Technology, Applied Mathematics, MSc., 1994
Wroclaw University of Technology, PhD., Physics, 1999

Appointments

President, dGCS REBIS, Software Company, 1996 - 1998
Assistant Professor, Institute of Physics, Wroclaw University of Technology, 1998
Adjunct Professor, Institute of Physics, Wroclaw University of Technology, 2000 – present
Research Scholar, International Institute for Applied Systems Analysis, January 2005 - present

International Courses

Coordinator and Lecturer

- Computer Modelling of Ecological Systems (workshops in many Polish Universities); 2001 - 2003
- Ecological Economics and Systems Thinking, University of Lodz, Poland; 2003
- Computer Modelling of Complex Systems (in co-operation with IIASA), Wroclaw, Poland; 2003, 2004
- Dynamics of Sustainable Development, Wroclaw, Poland; 2003, 2004
- Dynamic Balanced Scorecard – Modelling for Business Performance Systems (in cooperation with IBM Business Consulting Services), Wroclaw, Poland; 2003
- System Dynamics and Energy Modeling – course organized for European Commission - Joint Research Centre, Institute for Energy - Clean Energies Unit, Petten, Netherlands; September 2005

Lecturer

- Business Dynamics - Modelling and Simulations (Karel de Grote - Hogeschool, Antwerp); 2002, 2003, 2004
- Challenges of Sustainable Development (Cracow, Organised by University of Florida and University of Metallurgy and Mining Cracow); 2002, 2003, 2004
- The Integrated Assessment Society Summer School: Stakeholder Participation and Modelling in Sustainable Resource Management; Osnabrück, Germany; 4 July - 13 July 2005;

Projects

- Sustainable Regional Development in the Odra Catchment; Project funded by DBU and WWF; 2003
- Dynamics of Sustainable Development – Environmental Conflicts Resolution in Karkonosze Mountains and Odra Valley; 2003
- Strategy for Development of Environmentally Friendly Local Products in Barycz Valley; 2004
- CAVES (Complexity, Agents, Volatility and Scale); EU 6th Framework Project (in progress) – Coordinator of the Work Package.

- NeWater (New Approaches to Adaptive Water Management under Uncertainty); EU 6th Framework Project (in progress)

Research Interests

System Dynamics, Resilience Theory, Qualitative and Quantitative Modelling, Participatory Modelling, Strategy and Policy Development