

27-28.04.2017

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## 7<sup>th</sup> International Seminar



Science - Society - Didactics

## Controversial scientific dilemmas in the face of new technology

### P R O G R A M

27.04.2017. Auditorium of Prof. W. Danek, Podchorążych Street 2

**9.30-10.00 Registration & coffee**

**10.00-13.00 Workshops for teachers (in Polish): Moderator: Dr Stanisław Kowal**

*How to use the media and new technology in education?*

*Unknown resources, new scene, innovations*

**Warsztaty dla nauczycieli: Jak wykorzystać media i nowoczesne technologie w edukacji?**

*Nieznane zasoby, nowe ujęcia, innowacje*

**13.00 - Snacks & coffee**

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**9.00-9.30 Registration; 9.30 - 9.50 Opening ceremony**

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**9.50- 12.00 Plenary Session I. SCIENCE-SOCIETY CASES**

*Moderator: Dr Karolina Czerwiec*

**9.50-10.20: Prof. Małgorzata Grodzińska - Jurczak, Jagiellonian University, Poland:**  
Bridging science-society-cases of effective communication channels

**10.20- 10.40: Dr Iwona Maciejowska, Jagiellonian University, Poland:**  
Raising awareness on Responsible Research and Innovation'?

**10.40-11.00: Prof. Ali Günay Balm, Dokuz Eylul University in Izmir, Turkey:**  
Prospective Science Teachers' Views Towards Socio-Scientific Issues: A Focus Group Study

**11.00-11.20: Prof. Jiri Rychtera, University of West Bohemia, Czech Republik:**  
Increasing the Attractiveness of Natural Sciences in Early Education

**11.20-11.40: Dr Elżbieta Rozej-Pabijan, Pedagogical University of Cracow, Poland :**  
New Society - diagnosis of knowledge about crucial ecosystem services - pollination

**11.40-12.00: Katarzyna Nieszporek, Jagiellonian University, Poland:**  
Local activities for sustainable development: integrating environmental, economic, and social objectives

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**12.00-12.20 Coffee break**

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**12.20- 14.00 Plenary Session II. TECHNOLOGY AND EDUCATIONAL CASES**

*Moderator: Dr Hanna Stępniewska-Gębik*

**12.20 -12.40: Prof. Martin Bilek, University of Hradec Kralove, Czech Republik:**  
Interaction of real and virtual environments - dilemmas for science education

**12.40-13.00: Prof. Tetyana Kalna-Dubinyuk, National University of Life and Environmental Sciences of Ukraine:**  
Interactive Approach in Education as the Stimulator of the Changes in Knowledge

**13.20- 13.40: Anna Michniewska, Pedagogical University of Cracow, Poland:**  
Educational dilemmas in the context of media competence in the opinion of secondary school students

**13.40-14.00: Prof. Małgorzata Nodzyńska, Pedagogical University of Cracow, Poland:**  
Te use of new media in the process of learning and teaching in higher education

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**14.00 - 14.30 Lunch**

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**14.30- 16.10 Plenary Session III. DIDACTICS CASES**

*Moderator: Dr Sławomir Trusz*

**14.30 - 14.50: Prof. Tetyana Borova, Tetyana Pohorielova, S.Kuznets Kharkiv National University of Economics, Ukraine:** Leadership For Sustainability As A Reflection Of Students' Professional Responsibility

**14.50 - 15.10: Prof. Vincentas Lamanuskas, Šiauliai University, Lithuania:** The Fourth-Year University Student Future Professional Career: Career Management Competency And Work Values Aspects

**15.10 - 15.30: Prof. Natalia Demeshkant, National University of Life and Environmental Sciences of Ukraine:**  
Developing teaching competences of PhD students as a future academics

**15. 30-15. 50: Joanna Lilpop, University of Warsaw, Poland:**  
Teachers' and pre-service biology teachers' training on the science process skills in the context of modern society needs

**15.50-16.10: Dr Paweł Cieśla, Pedagogical University of Cracow, Poland:**  
Using of ICT tools for planning of effective learning of science subjects

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**16.10 - 16.30 Poster session. Moderator: Anna Duda**

**16.20 - 16.30 Final conclusion, closing ceremony**

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## *Posters:*

**1/ Wioleta Kopek-Putała, Hradec Kralove University, Czech Republik:**

Wyzwania nauczyciela podczas pracy z uczniami o specyficznych potrzebach edukacyjnych na lekcjach z przedmiotów przyrodniczych

**2/ Dr Małgorzata Krzeczowska, Prof. Barbara Krajewska, Jagiellonian University:**

Edukacja nieformalna a kompetencje miękkie – z praktyki własnej

**3/ Prof. Barbara Krajewska, Dr Małgorzata Krzeczowska, Jagiellonian University :**

Towards science-based conservation of the objects of cultural heritage

**4/ Dr Larisa Shakhman, Beit Berl College, Israel:**

Fostering Higher-Order Thinking in Physics Studies: The Development of a Physics Problem-Solving Taxonomy (PPST) and its Implementation in Teaching Physics

**5/ Dr Małgorzata Pietrzak, Jagiellonian University & Dr Ewelina Sobocha, Pedagogical University of Cracow, Poland:**

The use of media for educating the intellectually disabled - for and against

**6/ Prof. Yaryna Puzyrenko, National University of Life and Environmental Sciences of Ukraine:**

National culture and university education in the era of globalization: development of students' creativity and preservation of cultural identity

*Accompanying event: 26.04.2017. ECKUM:*

## **Workshops for PhD students**

**Moderator: Prof. Daniel Raichvarg, University of Burgundy, France**