



UNIVERSITY OF ŽILINA  
Faculty of Humanities

# Program

INTERNATIONAL SCIENTIFIC CONFERENCE

## ***PHYSICS, TECHNOLOGY, ETHICS:***

***Ethical Aspects of Development and Application of New Technologies in the Context of Globalization Processes***

**September 8<sup>th</sup> – 9<sup>th</sup> 2016, Žilina, Slovakia**

Venue: Faculty of Humanities, Univerzitná 8215/1, 010 26 Žilina, Slovakia

Organizers:

**Faculty of Humanities, University of Žilina in Žilina, Slovakia**

and

**Faculty of Arts, Constantine the Philosopher University in Nitra, Slovakia**

**The Conference is Organized under the Auspices of:**

Rector of University of Žilina in Žilina, Dr.h.c. prof. Ing. Tatiana Čorejová, PhD.

Rector of Constantine the Philosopher University in Nitra, prof. RNDr. Ľubomír Zelenický, CSc.

President of the Slovak Academy of Science in Bratislava, prof. RNDr. Pavol Šajgalík, DrSc.

### **Partner Organizations:**

University of Žilina in Žilina

Constantine the Philosopher University in Nitra

Slovak Academy of Science in Bratislava

European Academy of Arts and Sciences

Slovak Physical Society

Central European Research Institute Soeren Kierkegaard, Ljubljana



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### WEDNESDAY, SEPTEMBER 7TH

**15.00-18.00** Arrival and accommodation of participants in the University housing. There is no dinner or official evening program provided by the organizers.

### THURSDAY, SEPTEMBER 8TH

**08.00-9.00** Conference registration in the main lobby of the University Rectorate building (Univerzitná 1, 010 26 Žilina), Faculty of Humanities.

**09.00-09.30** Conference opening and welcome speeches:

Welcome speech by the vice-Dean of the Faculty of Humanities, University of Žilina

Welcome speech on behalf of the organizing committee, prof. D. Hajko, DrSc.

Welcome speech on behalf of the Faculty of Arts, Constantine the Philosopher University, prof. C. Diatka, CSc.

Welcome speech on behalf of the European Academy of Sciences and Arts, and the Slovak Academy of Science, prof. Š. Luby, DrSc.

Greeting from our academic partner and distinguished guest, Dr. Iulian Rusu, PhD., Editor in Chief of EJST

#### ***Plenary Session 1***

(Chairperson: Michal Valčo)

**09.30-09.45** Dalimír Hajko (Slovakia): ETHICS AND SCIENCE: CHALLENGES AND POSSIBILITIES

**09.45-10.00** Štefan Luby (Slovakia): SCIENCE IN THE TRAP OF FRAUD AND CORRUPTION

**10.00-10.15** Rudolf Dupkala (Slovakia): ETHICS IN THE CONTEXT OF GLOBALIZATION AND CULTURAL PLURALISM

**10.15-10.30** *DISCUSSION*

**10.30-10.45** *COFFEE BREAK*

#### ***Plenary Session 2***

(Chairperson: Štefan Luby)

**10.45-11.00** Michal Valčo (Slovakia): COMBATING SCIENTISM: CRITICAL QUESTIONS FOR THE METHODOLOGY OF SCIENCE

**11.00-11.15** Janez Vodičar (Slovenia): ETHICS AND NATURAL SCIENCE THROUGH PAUL RICOEUR'S HERMENEUTIC

**11.15-11.30** Piotr Przybył (Poland): CRITICAL RATIONALISM AS A UNIVERSAL METHOD IN GLOBAL SCIENCE

**11.30-11.45** *DISCUSSION*



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**11.45-12.00** Annamária Kónyová (Slovakia): POSITION OF NATURAL SCIENCES IN THE EDUCATION OF REFORMED AND EVANGELICAL SCHOOLS OF HIGHER EDUCATION IN THE KINGDOM OF HUNGARY IN THE PERIOD OF EARLY MODERN AGES

**12.00-12.15** Dana Hanesová – Andrea Nelson – Ken Badley (Slovakia / USA): EDUCATORS IN SEARCH FOR THE FINE LINE BETWEEN USE AND MISUSE OF NEW TECHNOLOGIES

**12.15-12.30** Monika Závíš (Slovakia): CONTEMPORARY ETHICAL PROBLEMS RELATED TO THE METHODS OF ASSISTED REPRODUCTION IN THE CONTEXT OF HINDUISM

**12.30-12.45** *DISCUSSION*

**12.45-14.00** **LUNCH BREAK**

### ***Plenary Session 3***

(Chairperson: Janez Vodičar)

**14.00-14.15** Emil Běták – Franc Cvelbar (Slovakia/Slovenia): DISCOVERIES AND OTHER INFORMATION IN PHYSICS AND ASTRONOMY OF THE LAST DECADE, WHICH HAVE A POTENTIAL TO INFLUENCE OUR VIEW OF THE UNIVERSE

**14.15-14.30** Jozef Kúdelčík (Slovakia) - GREENHOUSE GAS SF<sub>6</sub> AND ITS REPLACEMENT IN INDUSTRY

**14.30-14.45** Ivan Melo – Hans Peter Beck – Thomas Naumann (Slovakia/Switzerland/Germany): SOME ETHICAL QUESTIONS RELATED TO PARTICLE PHYSICS

**14.45-15.00** *DISCUSSION*

**15.00-15.15** Branko Klun (Slovenia): THE MASTERY OF TIME IN MODERN TECHNOLOGY AS A CHALLENGE FOR ETHICS

**15.15-15.30** Ciprian Turčan (Slovakia): HANS JONAS' ETHICS OF TECHNOLOGY: THE RISKS OF A TECHNOLOGICAL SOCIETY

**15.30-15.45** Cyril Diatka (Slovakia): MAN, TECHNOLOGY AND ETHICS

**15.45-16.00** *DISCUSSION*

**16.00-16.30** *COFFEE BREAK*

**16.30-16.45** Paul Bate (Great Britain): ELECTROSENSITIVITY - AN OVERVIEW OF PROBLEMS AND SOLUTIONS

**16.45-17.00** Dorota Probučka (Poland): CHANGING IMAGES OF MAN IN INDUSTRIAL AND POST-INDUSTRIAL SOCIETY

**17.00-17.15** *DISCUSSION*

**18.00-21.00** **A FESTIVE DINNER – ALL PARTICIPANTS ARE INVITED! (COMPLIMENTS OF THE CONFERENCE ORGANIZERS)**



**FRIDAY, SEPTEMBER 9TH**

**8.00-9.00** Breakfast

***Plenary Session 4***

(Chairperson: Dana Hanesová)

**9.00-9.15** Marek Debnár (Slovakia): SEMANTIC FIELD OF SELECTED ETHICAL TERMS IN WRITTEN AND WEB SUBCORPUS OF SLOVAK NATIONAL CORPUS

**9.15-9.30** Andrej Gogora (Slovakia): THE CORPUS ANALYSIS OF THE JOURNAL ETHICS AND INFORMATION TECHNOLOGY

**9.30-9.45** Lubov Vladyková (Slovakia): ETHICS, TECHNOLOGY AND THE CHALLENGE OF TECHNOLOGY ETHICS

**9.45-10.00** *DISCUSSION*

**10.00-10.15** Elena Ferencová – Eva Kráľová (Slovakia): GLOBALIZATION IN THE EDUCATIONAL PROCESS OF UNDERGRADUATE STUDY AT FACULTIES OF MEDICINE

**10.15-10.30** Eva Kráľová – Elena Ferencová (Slovakia): ETHICAL AND SAFETY ISSUES ARISING IN CONNECTION WITH ELECTRONISATION OF HEALTHCARE

**10.30-10.45** Helena Grecmanová – Miroslav Dopita – Eva Urbanovská (Slovakia): ETHICAL ASPECTS OF COMMUNICATION IN THE ACADEMIC ENVIRONMENT

**10.45-11.00** *DISCUSSION*

**11.00-11.30** *COFFEE BREAK*

**11.30-11.45** Pavel Hanes – Bram de Muynck (Slovakia/Netherlands): DEIFICATION OF TECHNOLOGY AND THE DIGNITY OF THE HUMAN PERSON

**11.45-12.00** Jarmila Jurová (Slovakia): DO THE VIRTUAL COMMUNITIES MATCH THE REAL ONES? (COMMUNITARIAN PERSPECTIVE)

**12.00-12.15** Tatiana Krawczyńska-Zaucha (Poland): COACHING AS A MODERN TOOL TO CREATE AND PRESERVE IDENTITY IN THE ERA OF GLOBALIZATION

**12.15-12.40** *DISCUSSION*

**12.40-14.00** **LUNCH BREAK**



### ***Plenary Session 5***

(Chairperson: Branko Klun)

- 14.00-14.15** Marián Ambrozy (Slovakia): ETHICAL ASPECT OF ONE'S INTEREST IN SELECTED PHYSICAL THEORIES
- 14.15-14.30** Štefan Šrobár (Slovakia): ETHICAL EVALUATION OF NEW TECHNOLOGIES
- 14.30-14.45** Bohumil Kováč – Ladislav Michalka (Slovakia): SELECTED QUESTIONS OF URBAN STABILITY AND ETHICS
- 14.45-15.00** *DISCUSSION*
- 15.00-15.15** Jana Dzuriaková (Slovakia): EDUCATIONAL COMMUNICATION AS PART OF ETHICS AND ITS IMPACT ON THE TEACHER'S PERSONALITY
- 15.15-15.30** Dalibor Gonda (Slovakia): THE CONTRIBUTION OF TEACHING LOGIC TO ETHICAL DECISION MAKING
- 15.30-15.45** *DISCUSSION*
- 16.00-16.10** *CONCLUDING REMARKS AND FAREWELL*
- 16.10-16.30** *COFFEE BREAK*
- 17.00-18.30** **DINNER, FOLLOWED BY A FREE EVENING**

### **SATURDAY, SEPTEMBER 10TH**

- 9.00-12.00** Optional trip to the Strečno Castle (20 minutes from the University campus). The castle's website in English: <http://slovakia.travel/en/the-castle-of-strečno>  
Alternative program: Spa in Rajecké Teplice or in Aqua park in Turčianske Teplice

**\* The following contributors have indicated that they would not be able to participate in person, yet they would send in their paper to be reviewed and considered for publication:**

Martina Pavlíková – Marie Roubalová (Slovakia/Czech Republic): READING AUDEN AS A RESOURCE FOR EXISTENTIAL REFLECTION IN A SOCIETY WITH TECHNOCRATIC AND HEDONISTIC TENDENCIES

Roman Králik – Susanne Jakobsen Tinley (Slovakia/Denmark): KIERKEGAARD'S ETHICS AS AN ANSWER TO HUMAN ALIENATION IN TECHNOCRATIC SOCIETY

Hedviga Tkáčová (Slovakia): MEDIA INFLUENCE ON NORMATIVE ATTITUDES: A CASE STUDY ON DEATH AND DYING

Daša Nováčiková (Slovakia): ENVIRONMENTAL ISSUES AND REFLECTION OF ITS PERCEPTION IN INTERNET MEDIA



Armand Boehme (USA): (1) THE BENEFITS OF A SOCIOLOGICAL STUDY OF RELIGION

(2) WORLD-CHANGING OCTOBER ANNIVERSARIES – 500 & 100 YEARS – A STUDY  
IN SIMILARITIES AND CONTRASTS

Michal Valčo – Armand Boehme (Slovakia/USA): FAITH AND SCIENCE: HOW CAN EACH ENHANCE THE  
OTHER?

Zuzana Malacká (Slovakia): ETHICS AS A VERY IMPORTANT TOOL OF MODERN TECHNOLOGICAL TIMES

Humberto O. Villaseñor – Alonso S. Ortega (Mexico): SCIENTIFIC ETHICS AND THE PENDULUM OF  
DEHUMANIZATION: INDOLENT PURITANISM AGAINST THE BLOODHOUNDS OF THE APPLICATION

Alena Hašková – Silvia Manduláková (Slovakia): PROBLEMATIC ASPECTS OF TECHNOLOGY EDUCATION  
IN SLOVAKIA

Peter Kondrla – Primož Repar: ONTOLOGICAL CONSEQUENCES OF THE ETHICS OF TECHNOLOGY

Tomáš Hauer (Slovakia): DROMOLOGY AND A PROBLEM OF CHARACTER REPRESENTATION  
OF REALITY USING THE THEORY OF NATURAL SCIENCE

Joanna Mysona Byrska (Poland): THE COLLAPSE OF THE PUBLIC SPHERE

Daniel Slivka – Janus Mierzwa (Slovakia/Poland): INTENTIONAL ABUSE OF SOCIAL NETWORKS WITH THE  
GOAL OF PROMOTING IDEAS OF ANTI-SEMITISM, RACISM, AND XENOPHOBIA

Helena Hrehová (Slovakia): INTEGRITY OF A PERSON AND NEW TECHNOLOGIES IMPACTING HUMAN  
NATURE – ETHICAL POINT OF VIEW

Ina Gudele – Iveta Cirule – Gustavs Kreicbergs – Baiba Rivza (Latvia): PHENONEMA OF SOCIAL NETWORKS  
AS A E-COMMERCE TOOL FOR SMALL AND MICRO ENTERPRISES IN LATVIA

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### Useful Information

**Conference Venue:** Faculty of Humanities, Univerzitná 8215/1, 010 26 Žilina, Slovakia; GPS: 49°12'8.26"N;  
18°45'23.6"E (for more info on how to get to the University, visit: <http://www.uniza.sk/menu/inc.php?id=138>)

**Conference Languages:** English (preferred language); Slovak, Czech (for all contributions presented in  
either the Slovak or Czech languages, a two-page English Summary is required)

**Accommodation:** For those conference participants who have applied for accommodation at the University  
of Žilina campus, detailed information will be provided in the next official mailing.

**Institutions/Country presentations:** There will be an opportunity for participants to give a short  
presentation about their home institution (or country of origin). The presentation must be in English but its  
contents and form is up to the presenter (data projector and computer will be provided).