



# EAST-WEST COHESION

## III. INTERNATIONAL SCIENTIFIC CONFERENCE

12–13th November 2018. Dunaújváros

### 2nd NEWSLETTER

#### 1. Aim of the conference

Since 2007 The University of Dunaújváros annually organizes the **Danube-area cohesion** international scientific conference. The events of the conference contributed to the establishment and the implementation of the European Danube Regional Strategy (EDRS). A significant number of performances on the conference were published in volume of essays and studies and contributed to the successful completion of numerous doctoral scientific research activities as well.

The **Opening to the East Strategy** which was unfolded in 2014 at the University of Dunaújváros, has contributed to the development and building of international cooperation based on the results of Danube region in East-West relations to strengthen the socio-economic cohesion.

Upon these thoughts, the 3rd **East-West Cohesion Conference** is willing to take a worthy step forward to strengthen the international cooperation between higher educational institutions, spread the modern forms of training, the development of scientific co-operation and to help the effective work of students and doctoral students.

The duration of the conference is 2 days. During the first day, participants will be able to attend plenary lectures in connection with the main topics. On the second day, the scientific work will continue simultaneously in 5 sections. During the conference we provide an opportunity for bilateral and multilateral consultations, for making discussions to support the development of the international partnerships and the foundation of joint research projects.

Based on the preliminary resolution of the Scientific and Organisational Committee, and in connection with the themes of the conference, we would like to make an **Abstract volume** and also publish the submitted publications in a **Study volume**, in accordance with the national standards of publishing. Also there are opportunities to publish in high quality Hungarian professional periodicals.

We expect the participation of the representatives of domestic and international partner institutions, who deal with scientific and educational activities in relation to the defined aims.



## 2. Organizers of the Conference

Main organiser: University of Dunaújváros

Co-organiser: Scientific Association for Spatial Development, Esztergom–Budapest

## 3. Planned topics of the conference plenary session

- Global challenges in the field of economic, social and educational innovations,
- European Convergence and Regional Cohesion, in particular the cooperation of the V4 countries,
- Geopolitical challenges and geopolitical opportunities, especially in the light of the Eastern opening,
- The state of implementation of the European Danube Regional Strategy (ESDR),
- Strategic issues of adaptation to climate change impacts,
- Modern infrastructure developments,
- Education, training, international research projects.

## 4. The planned program of the conference and its related events

The official language of the conference is English.

### The draft program:

#### 12th November 2018 (Monday)

8.00 – 9.00 Arrival of participants, **registration**.  
Venue: University of Dunaújváros, building "A", in front of the Conference Room S01.

#### **Plenary session (building "A", Conference Room S01)**

Head: István Talabos, Senior Lecturer, Budapest University of Economics

9.00 – 9.10 **Opening ceremony:** Dr. habil. István András, Rector, University of Dunaújváros, Patron of the Conference

9.10 – 9.30 **Patron greetings:**

Dr. Antal Papp, Colonel of Fire, BMF National Directorate for Disaster Management

Ferenc Tipold, Head of Department, Department of Spatial Planning, Ministry of Finance

Osman Bay, Honorary Consul of Hungary in Istanbul, President of the Association of Turkish-Hungarian Businessmen



### **Plenary lectures**

- 9.30 – 10.00 Dr. Antal Nikodemus, Head of Department, Ministry of Innovation and Technology, Department of Digital Economy and Innovation: Operation and results of Industry 4.0 technology platform in Hungary
- 10.00 – 10.30 István Joó, Regional Council of the Danube Strategy Commissioner: Information on the progress of the European Danube Regional Strategy, current tasks, in particular on water export and other current tasks
- 10.30 – 10.50 Dr. Mika János, Professor, Doctor of the Hungarian Academy of Sciences: Current aspects of global and regional climate change
- 10.50 – 11.10 **Coffee break**
- 11.10 – 11.30 Dr. Árpád Török, Secretary, Committee on Transport and Vehicle Science of the Hungarian Academy of Sciences: Current Issues of Transport Development in Hungary
- 11.30 – 11.50 Dr. Urbán László, Deputy CEO, Magyar Suzuki Zrt : Results and Challenges in the Innovation of Hungarian Vehicle Manufacturing
- 11.50 – 12.10 Dr. Csaba Lentner, Professor, National Civil Service University: National Economic Policy Challenges in the Transnational Economic Space
- 12.10 – 12.30 Dr. Ferenc Szávai, Rector, University of Kaposvár: Experiences of foreign investments in Hungarian companies, with special regard to the Eastern Central European region
- 12.30 – 13.00 Greetings of the conference (sponsors, questions, consultations) and the acknowledgments of foreign performers



13.00 – 14.00 **Lunch (building "P")**

14.00 – 17.30 **Section sessions in designated rooms**

**I. Section: Engineering sciences**

Section leader: Dr. Miklós Horváth, C. Professor, Director of the Institute of Engineering Sciences, University of Dunaújváros

Main topics:

- Application of new materials
- Non-destructive testing
- Innovations in the automotive industry
- Innovations in transportation development
  - E-mobility
  - Energy efficiency
- Environmental protection
  - Smart Grid

**II. Section: Society 5.0**

Section leader: Dr. Orsolya Falus, C. Associate Professor, Head of Department, University of Dunaújváros

Main topics:

- Economic, social and cultural impacts of globalization
- Networks, global networks, value chains
  - Tourism strategies and brands
  - Cross-border cooperations
- Urban development (Smart Cities)
  - Macro-regional strategies
  - Cultural heritage

**III. Section: Safety–Security**

Section leader: Dr. György Ágoston, C. Professor, Vice-Rector of Scientific and Research Affairs

Co-chair: Dr. Árpád Török, Senior Research Fellow, Budapest University of Technology and Economics

Main topics:

- Global network security
- Modern energy supply systems
  - Cyber Security
- Innovation of disaster management



- Healthy potable water and food supply security
- Climate change effects

**Section:  
14.00-15.30**

**New trends and new challenges – innovations in education**

Section leader: Dr. Csilla Szabó, Associate Professor, General Director of the Teacher Training Institute, University of Dunaújváros

Main topics:

- New Competencies and Methodological Innovations in Digital Area
  - Multicultural Environment, Challenges of Integration
- Dual Training: Cooperation between Industry, Economy and Education
  - Support Student Success – Best Practices in Institutions
  - New Challenges in Teacher Training
- Opportunities and Challenges in Education in Near Future

**IV / A. Section:  
15.30-17.00**

**New Trends and New Challenges- Innovation in Education – in Hungarian**

Section leader: Dr. Anetta Bacsa-Bán, College Associate Professor, University of Dunaújváros

Main topics:

- New competences and methodological challenges in the digital age
- Multicultural environment, challenges of integration
- Dual training: cooperation between industry, economy and education
- Support for the success of students and students - in-house law exercises
- New challenges in teacher training
- Educational Opportunities and Challenges of the Future

17.00–18.00 **Poster Section (Building "A")**

18.00 – **Reception (Building "P").**

**13th November 2018 (Tuesday) – Panel Discussions:**

9.00–12.00 Thematic partner meetings in designated rooms:

**Possibilities for new university collaborations and partnerships, university presentations, introductions and suggestions (Brazil, Russia, Poland, Romania, Azerbaijan, Kazakhstan, etc.).**



Moderator: Dr. Annamária Csiszér, C. Associate Professor, Head of Department, University of Dunaújváros

**University and corporate innovations and cooperation opportunities (invited companies, University of Dunaújváros and other universities).**

Moderator: Dr. Noémi Piricz, Associate Professor, Óbuda University

**New transport corridors in East-West business relations (Chinese Silk Road, New Railway Corridor in Caucasus, Connections of European Transport Corridors).**

Moderator: Dr. Attila Korompai, Associate Professor, Corvinus University of Budapest

**Current issues of sustainable development, with special focus on social processes**

Moderator: Tamás Ary, president of Pro Future Association

12.00 – 13.00 **Brunch**

13.00 – 16.00 **Sections in Hungarian language in the designated rooms**

**I/A Section: Material Science Section - in Hungarian**

Section president: Dr. Habil Béla Palotás, Professor Emeritus, University of Dunaújváros

**I / B. Section: Science and Environment Section - in Hungarian**

Section president: Dr. Endre Domokos, University of Dunaújváros

**I / C. Section: Mechanics Section – in Hungarian**

Section president: Dr. Ferenc Szlivka, University of Dunaújváros

**II / A. Section: Society 5.0 - in Hungarian**

Section president: László Dr. Balázs, Associate Professor, Director of Institute of Social Sciences, University of Dunaújváros

Co-president: Dr. Andrea Keszi-Szeremlei, Head of Department, Institute for Social Welfare, University of Dunaújváros

**III / A. Section: Safety – in Hungarian**

Section president: Dr. Bálint Nagy, associate professor, Director of Institute of Informatics, University of Dunaújváros



## **5. Related events**

On both days of the Conference we offer the possibility having meetings and negotiations (meeting room with catering provided), on the basis of the pre-issued program and the on-the-spot information. Participants are kindly asked to inform in advance the organisers about such requests.

### **5.1. Presentation of the sponsors**

The prominent companies of the Danube region, as well as the regional professional and civil organisations will be provided an opportunity for exhibiting, holding presentations.

**Magyar Suzuki Corporation Ltd.** presents during the Conference the most recent car models.

### **5.2. Book exhibition**

In the lobby of the Plenary Session, there is the opportunity to present and sell publications.

## **6. Publication of the conference**

The presentations and posters shown during the conference will be published in a separate Study Volume. Reviewers and an Editorial Board will also be set up for this purpose.

The conference's Study Volume will be published after the conference (printed version), and every participant will receive a copy.

Based on the suggestions of the Scientific and Organisational Committee, selected publications will have the possibility to publish them in different professional journals offered by the intermediary organizations:

- Civic Review, "C" category: 2 publications,
- Central European Publications, Category "B": 2 publications,
- Periodica Polytechnica Transportation Engineering (registered by Scopus): 3 publications.

**You may download the Word template files needed to create your publication in the Abstract and in the Study volume.**

Themes connected to the topic of the conference will be represented via books, studies and research reports. Posters' exhibitions will be held next to the Conference Room S01 in building "A".



## 7. Registration information

Deadline for attending the conference or giving presentation:

**10th October 2018**

Please use the attached application form for the registration (downloadable Word file, Annex 1).

The acceptance will be sent by 30th October 2018.

The formal requirements for the Abstract, Study Volume and Poster are in separated downloadable Word template files.

Please fill the Accommodation request (downloadable Word file, Annex 2) and send back no later than 30th October 2018.

**Official webpage:** [www.uniduna.hu/eastwest2018](http://www.uniduna.hu/eastwest2018)

Dunaújváros, 21 September 2018

*Dr. Lajos Veres*  
C. Professor  
University of Dunaújváros  
Email: veresl53@gmail.com