

DANUBE 
ACADEMIES 
CONFERENCE 

9th Danube Academies Conference

11-12 October, 2018

Stuttgart

under the patronage of
Commissioner Günther H. Oettinger and Minister Guido Wolf

Venue:
Hotel Le Méridien Stuttgart
Willy-Brandt-Straße 30
70173 Stuttgart
Germany

Organized by:
European Academy of Sciences and Arts
Ministerium der Justiz und für Europa

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PROGRAMME

OCTOBER 11, 2018

- 12.00 - 13.00 **Round table: Presidents and representatives of Danube Academies**
- 13.30 – 14.30 **Official opening and welcome messages**
Prof. Dr. Dr.h.c. Felix Unger, President European Academy of Sciences and Arts
Jiaofeng Pan, President Institutes of Science and Development - Chinese Academy of Sciences (CAS)
Dr. Jiří Buriánek, Secretary General Committee of the Regions
Martin Kern, Director European Institute of Innovation & Technology
- 14.30 - 14.50 Coffee break
- TOPIC I: Scientific developments in the Danube area**
Chairman: Prof. Dr. Hans-Jörg Fecht (Ulm University)
- 14.50 - 15.10 *Evolving Science Management Paradigm for the Benefit of Socio-Economic Development*; Acad. Prof. Gheorghe Duca (President Academy of Sciences of Moldova)
- 15.10 – 15.30 *Participation and success rate of Danube region countries in Horizon 2020*; Prof. Dr. Dr.h.c. Štefan Luby (Slovak Academy of Sciences, Senior Researcher; EASA, Vicepresident)
- 15.30 - 15:50 *New Trends in Nanotechnology*; Prof. Dr. Hans-Jörg Fecht (Ulm University - Institute of Micro and Nanomaterials)
- 15.50 – 16.10 *Make more with less - Additive Manufacturing Process and Advanced Materials, HKP and Nanotun3D*; Prof. Dr. Henning Zoz (President & CEO Zoz Group)
- 16.10 - 16.30 *The needs of the Danube Region for connecting with the world*; Prof. Dr. Ludvik Toplak (President Alma Mater Europaea - ECM)
- 16.30 - 16:50 Coffee break
- TOPIC II: Research and Innovation**
Chairman: Prof. Dr. Wolf Hartmann (Bad Saarow)
- 16.50 - 17.10 *Global Change and the China's Innovation Development*; Prof. Jiaofeng Pan (President Institutes of Science and Development – CAS)

- 17.10 - 17.30 *Recent Research Activities of Medical Robotics in China*; (Prof. Zengguang Hou, Institute of Automation – CAS)
- 17.30 - 17.50 *Research Progress on the Impact and Adaptation of Climate Change in Major Economics of the Belt and Road*; Prof. Xianchuan Tan (Institutes of Science and Development – CAS)
- 17.50 – 18.10 *The future has arrived: The revolution of artificial intelligence*; Prof. Jianping Fan (President Shenzhen Institutes of Advanced Technology)
- 18.10 - 18.30 *Unveiling distributions of developmental characteristics of domain technologies: Findings from an Internet-based measurement*; Dr. Jianfeng Guo (Director of Cooperation and Communication Department, Institutes of Science and Development – CAS)
- 19.00 Evening reception
Ministerium der Justiz und für Europa Baden-Württemberg
Schillerplatz 4
70173 Stuttgart

OCTOBER 12, 2018

TOPIC III: Digitalisation and Artificial Intelligence

- 09.00 – 09.20 *Introduction*
Chairman: Prof.em. Dr. Klaus Mainzer (Technical University Munich, Emeritus of Excellence)
- 09.20 - 09.40 *Digitization Transforming Business and Society: Some Reflections on Facts and Fiction*; Prof. Dr. Claudia Loebbecke M.B.A, (University of Cologne - Director Department of Media and Technology Management)
- 09.40 - 10.00 *How Energy Distribution will change: An ICT Perspective*; Prof. Dr. Marco Aiello (University of Stuttgart - Head of the Service Computing Department)
- 10.00 - 10.20 *Socio-cultural impacts of digitization*; Prof. Dr. Vesna Baltezarević (Faculty of Culture and Media, Belgrade, Serbia; EASA Delegate for Serbia)
- 10.20 - 10.40 *Digitization and Artificial Intelligence in the Function of Raising the Quality of Teaching at the University*; Acad. Prof. Dr. Nedeljko Stanković (Rector European University “Kallos”, Tuzla)
- 10.40 - 11.00 Coffee break
- 11.00 - 11.20 *The role of Serbian Academy of Sciences and Arts in the Industry 4.0 in Serbia*; Prof. Dr. Dejan Popović (Serbian Academy of Sciences and Arts)
- 11.20 - 11.40 *Digitalization and Personalization in Mental Health*; Prof. Dr. Günter Schiepek (Paracelus Medical University, Salzburg)

11.40 - 12.00 *Agriculture and Environment in the Age of Information*; Prof. Dr. Wolfram Mauser (Ludwig-Maximilians University, Munich - Chair of Geography and Remote Sensing)

12.00 - 12.20 *Digitalisation – Fractal nature as a bridge between order and disorder*; Prof. Dr. Vojislav Mitic (University of Niš - Faculty of Electronic Engineering)

Announcement of the 10th Danube Academies Conference on October 30/31, 2019 in Prague, Dr. Hana Sychrová (President of the Council for International Affairs of the Czech Academy of Sciences)

13.00 Closing