

## 1<sup>st</sup> EU-China Health Summit on Medical Innovation and Technology Transfer

### Blueprint for a joint Research and Innovation Mission on Aging

Co-Organized by EFMI and CMIA with MedInfo 2019, 25 Aug 2019, 9:00-18:30

Salon Tete d' Or, Cité Internationale - Congress Centre, 50 quai Charles de Gaulle, 69463 Lyon, France

The first EU China Health Summit aims to prepare the ground for the blueprint of a joint mission that will redefine the role of health informatics in Aging societies advancing cooperation in research and innovation (R&I):

- Facilitate policy dialogue and influence priority areas for funding joint EU-China R&I programs
- Highlight EU-China innovation cooperation and research transfer in the Health sector
- Simulate collaborative mission-oriented EU-China Health R&I initiatives

Outcome of the summit will be a vision for the blueprint for a joint mission on Aging.

## Preliminary Program

### 9:00 Welcome Address

- Lacramiora Stoicu-Tivadar, EFMI President
- Luis Garcia-Castrillo Riesgo, EUSEM
- Zhi Yang, CMIA VP
- Catherine Chronaki, EFMI VP
- Diana Zandi, WHO

### 9:30-10:30 Keynote and Discussion Panel

Cochairs: Luis Garcia-Castrillo Riesgo, EUSEM, Prof. Zhi Yang

Rapporteurs: Siru Liu, Diana Zandi, Social media: Paris Gallos

**Keynote: Challenge of Chinese Medicine based on Information Technology - Chinese Medical Data Acquisition, Prof. Baoyan Liu, President CACMS (China Academy of Chinese Medical Science)**

**Discussion Panel: Objectives and Questions of the Summit**

- Louise Bilenberg Pape-Haugaard, Aalborg University, EFMI
- Luis Garcia-Castrillo Riesgo, EUSEM
- Inge Madsen, EFMI
- Jialin Liu, CMIA
- Hui Chen, Capital Medical University
- Jingyuan Cheng, University of Science and Technology of China

### 10:30 Coffee Break – Poster Pitches, Chair Alfred Winter, EFMI

- The 2007 eHealth Roadmap for Finland was almost completed by the end of 2017, Vesa Jormanainen, THL, Finland
- ActiveAge project: Internet of Things (IoT) for ageing well, Guisepppe Ficco, UPM, Spain
- Study on Patient Similarity Measurement Based on Electronic Medical Records, School of Biomedical Engineering, Hui Chen, Capital Medical University, China, et al.

### 11:00-12:30 Research & Innovation Challenges in Health Informatics and Technology for Aging

Co-chairs: Prof. Jialin Liu, CMIA, Prof. Inge Madsen, Nursing WG, EFMI

Rapporteurs: Siru Liu, CMIA, Diana Zandi WHO Social Media: Paulette Lacroix, Andrej Orel, EFMI

- Challenges and innovations in improving elderly care, Prof. Ying Wu, Capital Medical University
- Challenges in Nursing Homes, Integrating health and social care, Brian O' Connor, ECHalliance
- Challenges in Geriatric Medicine for Emergency Departments in Europe, Prof Mehmet Karamercan, EUSEM
- Challenges in Geriatric Medicine for Emergency Departments in China, Prof. Wei Jie, Chinese College of Emergency Physicians (CCEP)

Q&A panel with speakers and Luis Garcia-Castrillo Riesgo, President EUSEM

### **12:30-13:30 Lunch Break – Poster Pitches, Chair Alfred Winter, EFMI**

- Digital health Europe, twinning of regions, Strahil Birov, Empirica, Germany
- Integrated medical IT solutions: experience and plans in Estonia, Lembit Prin, Estonia
- Optimizing clinical decision support by applying artificial intelligence and machine learning, Siru Liu, Medical School, University of Utah
- An Ontology-based Knowledge System for Diagnoses and Treatment of Psoriasis Vulgaris - Bridging Western evidence care and Chinese individualized medicine by Heinrich Herre, U of Leipzig, Germany

### **13:30-15:00 Applying Big Data and Artificial Intelligence Research in Aging**

Co-chairs: Prof. Jialin Liu, Prof. Louise Bilenberg Papa-Haugaard

Rapporteurs: Siru Liu, CMIA, Laura-Maria Peltonen, EFMI. Social Media: Paris Gallos, EFMI

- Innovations in Image guided Interventions: Safety and Quality Issues, Prof. Zhi Yang, Capital Medical University, Beijing
- Big Data and AI for personalized medicine in electrocardiology: Achievements and Future Challenges, Dr. Jocelyne Fayn, INSERM, France
- Electrophysiology New Technology, Prof. Li Liu from Xiang Tan Central Hospital
- Ethical Guidelines for Trustworthy AI – Framework for secondary use of Data in Finland: the Case of Kanta, Vesa Jormanainen, THL, Finland

Q&A panel with speakers

### **15:00-15:30 Coffee Break– Poster Pitches, Chair Alfred Winter, EFMI**

- Recent advancements in Welfare technology and robotics in homecare especially with aged citizens, Heli Kekäläinen, Savonia University of Applied Sciences, Finland
- Can AI inventions in pharma be patented? Robbert Fisher, K4I, in collaboration with IVIR, University of Amsterdam, The Netherlands
- Tako-Tsubo Cardiomyopathy, Chunyu Li, Jining Medical College Affiliated Hospital, China

### **15:30-17:00 Enabling Collaborative Health Research and Innovation**

Co-chairs: Prof. Hui Chen, CMIA, Robbert Fischer, K4I

Rapporteurs: Siru Liu, Giorgio Cangioli HL7, Social Media: Paris Gallos, EFMI, Jacob Hofdijk, EFMI

- Big data and Clinical Research -Experience and Exploration at West China Hospital, Prof. Jialin Liu
- FAIR data: paving the way towards collaborative research, Christian Lovis, EFMI
- Smart Textile from Lab to Hospital: a 10 years' path with challenges and opportunities, Jingyuan Cheng, University of Science and Technology of China
- Need for common standards for a global data space for health research, Petra Wilson, Health Connect Partners, HIMSS/PCHA

Q&A panel with speakers

### **17:00-18:30 Closing Keynote and Discussion Panel**

- Co-Chair: Kaija Saranto, EFMI, Zhi Yang, CMIA VP  
Rapporteurs: Siru Liu, Diana Zandi WHO, Social media: Paris Gallos, EFMI, Adrej Orel, EFMI

**Keynote: Blueprint for mission-oriented Health Research and Innovation in Aging, Prof. Martin Ingvar, Karolinska Institute**

**Closing Panel: Take away messages and next steps**

- Prof. Zhi Yang, CMIA VP and Capital Medical University
- Catherine Chronaki, EFMI and HL7 Foundation
- Prof. Dongsheng Zhao, Military Academy of Medical Sciences
- Louise Bilenberg Pape-Haugaard, EFMI and Aalborg University

### **18:30 Farewell Dinner**

### ***Program Committee***

- Zhi Yang, CMIA VP and Capital Medical University, Peking, China (Co-Chair)
- Catherine Chronaki, EFMI VP and HL7 Foundation, GR (Co-Chair)
- Emmett Huang Yue, Secretary CMIA, CN
- Luis Castrillo, President EUSEM (European Society of Emergency Medicine), ES
- Robbert Fischer, President Knowledge for Innovation, LU
- Luisa Bilenberg Pape-Haugaard, EFMI Board Institutional Officer and Assoc. Prof. Aalborg University, DK
- Inge Madsen, EFMI Nursing Informatics WG Chair and Assoc. Prof. Aarhus University, DK
- Brian O'Connor, President ECHAlliance, IR
- Kaija Saranto, EFMI Education WG Chair and Prof. University of Eastern Finland, FI
- Lacramiora Stoicu Tivadar, President EFMI and Prof. University Politehnica Timișoara, RO
- Alfred Winter, Secretary EFMI and Prof. Leipzig University, DE
- Patrick Weber, EFMI Past President, CH

### ***Co-Organizers***

- European Federation of Medical Informatics (EFMI)
- Chinese Medical Informatics Association (CMIA)

### ***Supporting Organizations***

- European Society of Emergency Medicine (EUSEM)
- European Connected Health Alliance (ECHAlliance)