The 8th Collaborative European Research Conference

EVENT PROGRAMME

9:00 Welcome

Dr Cristina Blasi Casagran, Autonomous University of Barcelona

Prof. Dr.Udo Bleimann, Darmstadt University of Applied Sciences

Carme Artigas, Spanish Secretary of State in Digitalisation (video)

Dr Esther Zapater, General Secretary of the Autonomous University of Barcelona

Dr Susana Navas, Dean of the Faculty of Law - Autonomous University of Barcelona

9:30 Keynote Speech: AI developments and emerging tech laws in the current digital era
Session Chair: Udo Bleimann

Dr Cristina Blasi Casagran, Autonomous University of Barcelona

10:00 Session I: Big data, computing, modelling and privacy

Session Chair: Haithem Afli   **(15 min. presentation + Q&A)**

- FIT4NER - Towards a Framework Independent Toolkit for Named Entity Recognition (*Florian Freund - FernUniversität in Hagen*)

- Improving Multiclass Classification of Cardiac Arrhythmias with Photoplethysmography using an Ensemble Approach of Binary Classifiers (*Katharina Post - INOVEX*)

- CRISP4BigData: Qualitative evaluation of a cross-industry process reference model supporting Big Data analysis in virtual research environments. (*Kevin Berwind - FernUniversität in Hagen*)

- Analyzing CNN Architectures for Secure and Private Image Classification with Homomorphic Encryption and Differential Privacy (*Robin Baumann - Karlsruhe University of Applied Sciences*)

- Improving Facial Expression Recognition in a Specific Context Group (*Duygu Cakir - Bahcesehir University)*

11:30   Coffee break

12:00   Session II. New initiatives and laws in the digital market

Session Chair: Ingo Stengel   *(15 min. presentation + Q&A)*

- Fostering Legal Compliance through Legal Design: a Digital Services Act case-study (*Davide Audrito – Universidad Autónoma de Barcelona*)

- Success Factors of a Digital Training Offer: Insights Based on the Online Course "Digital Expert in 5 Modules" for Specialists and Managers from SMEs (*Tanja Kranawetleitner - Neu-Ulm University of Applied Sciences*)

- Reference Model of Virtual Shopping Personal Assistant (*Olga Cherednichenko*)

- The story of experiences – the evolution of branding. (*Ania Drzewiecka*)

- Producing electricity on board of a vessel (*Andreea Alina Oprea*)

13:30   Lunch break

15:00   Session III Medical, Social and economic sciences: New developments

Session Chair: Robert Loew   *(15 min. presentation + Q&A)*

- SenseCare KM-EP: Combining Gaming and Affective Computing for Improved rehabilitation Outcomes (*Hayette Hadjar - FernUniversität in Hagen*)

- Towards Robust Named Entity Recognition to Support the Extraction of Emerging Technological Knowledge from Biomedical Literature (*Sabrina Lamberth-Cocca - FernUniversität in Hagen*)

- Financial exclusion: evolution and development of entrepreneurship and microfinance in India (*Ishita Choudhary*)

- Towards Emerging Argument Integration into Medical Informational Chatbot Dialogs (*Stephanie Heidepriem*)

- The management of migration at the border: accessing the territory and possible consequences of irregular migration (*Linda Cottone - Universidad Autónoma de Barcelona*)

16:30   Final Discussion + Audience Voting for Best Presentation

Session Chair: Cristina Blasi

17:00   Coffee Break

17:30   Concluding remarks + Best Paper & Best Presentation Award

Session Chair: Cristina Blasi

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