**Thursday 7th, November 2019**

08:15-19:40 Welcome Desk (closes for lunch - 13:10 to 14:20)

09:30-09:50 Session O – Opening Session  
(Room: Aula Magna)

**OPENING SESSION**

- Profs. Hans Weghorn, Dirk Ifenthaler, Maria Pietronilla Penna and Maria Lidia Mascia

10:00-11:00 Session KL1 – Keynote Presentation  
(Room: Room L)

**“FORGET ABOUT THE BILL: IOT-BASED SOLUTIONS TOWARDS THE NET ZERO ENERGY BUILDING”**

*Dr. Virginia Piloni, Department of Electrical and Electronic Engineering, University of Cagliari, Italy*

11:00-11:30 Coffee Break

11:30-12:30 Session FSP 7.1  
Human Computer Interaction and Usability  
(Room: L)

Chair: Claudia Steinberger

- **YOU’VE BEEN FRAMED! STUDYING PEOPLE CHOOSING OPTIONS** (F018)  
  Mairéad Hogan and Chris Barry
- **BROWSERLESS WEB AUTOMATION FOR BLIND USERS** (S064)  
  Ruslan R. Fayzrakhmanov and Andrey Kravchenko
- **INTERACTIVE AUDIO-TEXT GUIDE FOR MUSEUM ACCESSIBILITY** (P042)  
  Gavino Paddeu, Andrea Devola, Andrea Ferrero and Antonio Pintori

13:10-14:20 Lunch Break

14:30-15:40 Session FSP 7.2  
Applications and Uses  
(Room: L)

Chair: Andreas Both

- **B4HEALTH – AN ARCHITECTURE MODEL FOR PERSONAL HEALTH RECORDS WITH HL7 FHIR AND HYPERLEDGER FABRIC** (F066)  
  Victor Giovanella García, Alex Roehrs, Cristiano André da Costa, Rodrigo da Rosa Righi, André Henrique Mayer, Rodolfo Staffel Antunes and Eduardo Souza dos Reis
- **IMPLEMENTATION OF A WEB-BASED AUDIENCE RESPONSE SYSTEM AS MICROSERVICE APPLICATION VS. MONOLITHIC APPLICATION** (F015)  
  Iris Braun, Manuel Hofmann and Robert Mörschung
- **AN OPINION MINING MODEL BASED ON USER PREFERENCES** (P040)  
  Manuela Angioni, Andrea Devola, Mario Locci and Franco Tтвери

16:30-17:00 Coffee Break
17:00-18:00 Session FP 7.3  
Services, Architectures and Web Development  
(Room: L)  
Chair: Iris Braun

| ARCHITECTURES FOR DELIVERING PROACTIVE NETWORK SERVICES IN DIVERSE BUSINESS ENVIRONMENTS (F045)  
   Don Allen  
| THE APPLICATION OF RECOMMENDER SYSTEMS TO DATA-DRIVEN DIGITAL MEMORY (F082)  
   Tingyu Luo and Miguel Baptista Nunes |

Friday 8th, November 2019

08:15-15:45 Welcome Desk (closes for lunch - 13:00 to 14:10)

08:50-09:50 Session KL2 – Keynote Presentation  
(Room: L)  
MONITORING PEOPLE MOBILITY IN SMART CITIES: APPLICATIONS AND TECHNOLOGIES  
Professor Luigi Atzori, Multimedia & Communication Lab (MC Lab) Head, University of Cagliari, Italy

10:00-11:00 Session FSP 8.1 (Part I)  
Social Networks // Collaborative Systems // Other  
(Room: L)  
Chair: Claudia Steinberger

| LOYALTY PROGRAMS IN TOURISM – HOW INFLUENCERS AND COMMUNITIES CHANGE WORD-OF-MOUTH MARKETING (F056)  
   Jacqueline Päs and Darius Zumstein  
| TWTRENDS: THE TOPIC-GRAPH EXTRACTION FROM TWITTER TRENDS (F054)  
   Jan Iio |

11:00-11:30 Coffee Break

11:30-12:50 Session FSP 8.1 (Part II)  
Social Networks // Collaborative Systems // Other  
(Room: L)  
Chair: Claudia Steinberger

| ON THE EXPLOITATION OF COLLABORATIVE ARGUMENTATION STRUCTURES FOR INDUCING REASONING BEHAVIOR (F020)  
   Nikos Karacapilidis and Vassilis Tampakas  
| THE CHALLENGES OF DESIGNING THE INTERACTION DESIGN OF A COLLABORATIVE ART PROJECT (F046)  
   Jasmin Maric  
| NO AD BLOCKERS FOR OLD MEN? DEMOGRAPHIC EVIDENCE FOR AD BLOCKER USAGE FROM GERMANY (S032)  
   Valerio Stallone |

13:00-14:10 Lunch Break

14:20-15:30 Session FSP 8.2  
Services, Architectures and Web Development  
(Room: L)  
Chair: Don Allen

| GAMIFICATION STUDY: REVIEW AND RETRIEVAL (S068)  
   Olga Kononova and Dmitry Prokudin  
| SOCIOCULTURAL URBAN SPACE IN E-SOCIETY (S070)  
   Olga Kononova, Dmitry Prokudin, Vitalina Karachay  
| DECENTRALIZING PRODUCTS CERTIFICATES USING BLOCKCHAIN TECHNOLOGY (F074)  
   Eduard Davoud and Martin Gasek  
| DO NOT HATE THE PLAYERS THE DIGITAL ADVERTISING ECOSYSTEM AND ITS ACTORS (S037)  
   Valerio Stallone |
14:30-15:20 Session FSP 8.3
Applications of Semantic Web
(Room: 1)
Chair: Mairead Hogan

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15:45 – Social Event - Conference Tour and Dinner

Saturday 9th, November 2019

08:10-13:15 Welcome Desk

09:50-11:00 Session FSP 9.1
Web Security and Privacy
(Room: 9A)
Chair: Miguel Baptista Nunes

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11:00-11:30 Coffee Break

11:30-13:00 Session FP 9.2
Services, Architectures and Web Development // Data Mining
(Room: 9A)
Chair: Jun Iio

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13:10 Best Paper Awards Ceremony and Closing Session
(Room: 6A)

Prof. Hans Weghorn