



The Fourth International Conference on Cyber-Technologies and Cyber-Systems

CYBER 2019
September 22, 2019 to September 26, 2019 - Porto, Portugal

Submit a Contribution

Registration

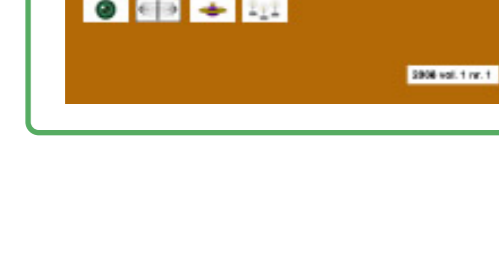
Camera Ready

Deadlines

Submission Jun 13, 2019
Notification Jul 14, 2019
Registration Jul 27, 2019
Camera ready Aug 07, 2019

Deadlines differ for special tracks. Please consult the conference home page for special tracks Call for Papers (if any).

Past Events



Publication

Published by IARIA Press
Indexed by Scopus Database
Reviewed by the Open Access
USA, The Med Central, Elsevier

From available at www.ariapress.com
Authors of selected papers will be invited to submit extended versions to www.ariapress.com
Submit a Paper

Affiliated Journals



CYBER 2019: Program

NexTech 2019 - Conference Schedule

Conference Venue Location
Hotel Novotel Porto Gaia
Rua Mariz Sao Sebastiao, Alurada,
4400-499 Vila Nova de Gaia
Phone: +351 22 772 8700

More details to follow:
<https://www.acconhotels.com/pt/hotel-1050-novotel-porto-gaia/index.shtml>
E-mail l1050@accor.com

Note: The final program might vary slightly according to the number of successful special tracks and the final registrations.

Conference rooms Time slots	Room A	Room B	Room C	Room D
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Sunday, September 22

12:00	Registration starts The registration desk is located in front of the conference rooms Operating during the entire conference			
13:00 - 15:00	Tutorial I Theme: Analyzing the Error Corpus with the Shell Prof. Dr. Andreas Schmidt , Karlsruhe Institute of Technology & University of Applied Sciences, Karlsruhe, Germany			
15:00 - 15:15	Coffee			
15:15 - 17:15	Tutorial II Theme: Challenges and Techniques in Drone Forensics Dr. Hannan Azhar , Senior Lecturer, Canterbury Christ Church University, UK			
17:15 - 17:30	Coffee			
17:30 - 19:30	Tutorial III Theme: Industrial Security Dr. Rainer Falk , Principal Key Expert, Siemens AG, Corporate Technology, Germany			
19:30 - 20:30	Welcome Cocktail You must have your badge to attend the cocktail			

Monday, September 23

09:00 - 09:15	Opening Session			
09:15 - 10:15	Keynote Speech Customer Segmentation using Unsupervised Natural Language Processing Dr. Tim van der Brück , Lucerne University of Applied Sciences and Arts, Switzerland			
10:15 - 10:30	Coffee Break			
10:30 - 12:15	DATA ANALYTICS 1	CYBER 1	SEMAPRO 1 / SEMANLP	UBICOMM 1
12:15 - 13:45	Lunch on your own			
13:45 - 15:30	DATA ANALYTICS 2	ADVCOMP 1	GLOBAL HEALTH 1	EMERGING 1
15:30 - 15:45	Coffee Break			
15:45 - 17:30	Panel on Advances in Data Processing Moderator Hesham Ali, University of Nebraska Omaha, USA Panelists Dimitris Kardaras, Athens University of Economics and Business, Greece Wiam Ramadan, Lebanese International University, Lebanon István Vassányi, University of Pannonia, Hungary			

Tuesday, September 24

09:15 - 10:15	Keynote Speech Innovative Population-based Approaches for Analyzing Mobility Data in Continuous Health Monitoring Applications Prof. Dr. Hesham H. Ali , UNO Bioinformatics Core Facility, College of Information Science and Technology, University of Nebraska at Omaha, USA			
10:15 - 10:30	Coffee Break			
10:30 - 12:15	ADVCOMP 2	CYBER 2 / CWRW	GLOBAL HEALTH 2	UBICOMM 2
12:15 - 13:45	Lunch on your own			
13:45 - 15:30	DATA ANALYTICS 3 / AI-GH	CYBER 3	SEMAPRO 2 / SYMPHATY	UBICOMM 3
15:30 - 15:45	Coffee Break			
15:45 - 17:30	Panel on Challenges on Cyber Services Moderator Steve Chan, Decision Engineering Analysis Laboratory, USA Panelists Anders Fongen, Norwegian Defence Cyber Academy, Norway Daniel Kästner, Absint GmbH, Germany Hannan Azhar, Canterbury Christ Church University, UK			

Wednesday, September 25

09:15 - 10:15	Keynote Speech A Cyber Key to Log Analysis Dr. Steve Chan , Decision Engineering Analysis Laboratory, USA			
10:15 - 10:30	Coffee Break			
10:30 - 12:15	AMBIENT 1	CYBER 4 / AICYBER	EMERGING 2 / SPIPMO	
12:15 - 13:45	Lunch on your own			
13:45 - 15:30	DATA ANALYTICS 4 / PDA		UBICOMM 4 / SWIoT	
15:30 - 15:45	Coffee Break			
15:45 - 16:45	Keynote Speech Reinforcement Learning: Learning to Learn Prof. Dr. Sandjai Bhulai , Vrije Universiteit Amsterdam, the Netherlands			
16:45 - 17:00	Coffee			
17:00 - 19:45	Panel on New Trends on Citizen-oriented Services Moderator Korosh Vatanparvar, Samsung Research America, Digital Health Lab, USA Panelists Konstantinos Kotis, University of the Aegean, Dept. of Cultural Technology and Communication, Intelligent Systems Lab, Lavos, Greece Evgeniy Krastev, Sofia University St. Kliment Ohridski, Bulgaria Paul Forlier, University Of Massachusetts Dartmouth, USA			
20:00 - 23:00	CONFERENCE DINNER			

Thursday, September 26

09:15 - 10:15	Keynote Speech Accelerating Integration and Prototyping of IP for Mobile and AI SoCs Dr. Antonio J. Salazar , Synopsys, Portugal			
10:15 - 10:30	Coffee Break			
10:30 - 12:15	AMBIENT 2	CYBER 5	SEMAPRO 3	UBICOMM 5 / FDA
12:15 - 12:30	Coffee Break			
12:30 - 14:30	Tutorial IV Theme: Fast Track Introduction to Blockchain and Non-Currency Applications John Kaldis , AIT - Athens Information Technology, Greece			
14:30 - 14:45	Coffee and Closing session			

Friday, September 27

Recommended tourist objectives to be visited on your own:

Tourism:
<https://www.acconhotels.com/pt/travel-guide/porto/index.shtml>
Livraria Lello: <http://www.livrariabello.pt/en-us/>
Fundação de Serralves: <https://www.serralves.pt/en/museum/the-museum/>

Porto wine caves:
Caves Calem: https://www.tripadvisor.com/Attraction-Review-g880268-d243625-Reviews-Porto_Calem-Vila_Nova_de_Gaia_Porto_District_Northern_Portugal.html
Caves Calem at Gaia waterfront is one of the most famous and most visited cellars for wine tours in **Porto**. Visits to **Caves Calem** include a guided tour to the cellar and its ancient traditions, followed by a tasting of **Port wine** - white and special reserve.
Burmester Porto Wine Cellars and Wine Tasting: <http://sopevina.com/tours/burmester-cellar/>
Burmester wine cellars are located in Gaia by the bottom deck of Luz 1 bridge. There are guided tours of the cellars, filled with history and interesting stories.

Shopping:
[Mercado da Bolhão](#)
[Norte Shopping](#)
[Cidade Bom Sucesso](#)
[Arrábida Shopping](#)

To see in Porto:
Clérigos Tower
Casa da Música
Serralves Park/Museum
Bridges Cruise onboard with "Rabelos Boats"
Palácio da Bolsa
Porto Cathedral

Detailed Program

ADVCOMP 2019, The Thirteenth International Conference on Advanced Engineering Computing and Applications in Sciences
Session chair: David Bouck-Standen

ADVCOMP 1: Computing Applications in Science
Session chair: David Bouck-Standen

Optimal Approximation for Multidimensional Nonlinear Point Data Sets
Rudolf Neydorf, Dean Vučić, Victor Poljak

A Localized Hybrid Penalization Method for Simultaneous Data Reconstruction and Biase Field Correction
Linghai Kong

Irrigation Reservoir Modeling in Catchments without Measurements of Stream Flow
Milani Cisty, Veronika Soldanova, Barbora Považanova

ADVCOMP 2: Advances in Computation Methods
Session chair: Evgeniy Krastev

Code Verification of PECM with Strongly Discontinuous Flows
Zhibo Ma

Uncertainty Quantification of Density Reconstruction in High-Energy X-ray Radiography
Haibo Xu, Xingli Li

Multi-Factor Authentication for Public Displays using the Semantic Ambient Media Framework
David Bouck-Standen, Josefina Kiptke

AMBIENT 2019, The Ninth International Conference on Ambient Computing, Applications, Services and Technologies
Session chair: Alexander Gerka

Efficient Online Cough Detection with a Minimal Feature Set Using Smartphones for Automated Assessment of Pulmonary Patients
Mub Jaber Rahman, Ebrahim Nemati, Ma Mahbubur Rahman, Korosh Vatanparvar, Viswam Nathan, Jilong Kuang

An Efficient Message Positioning and Dissemination Approach for Mobile Crowd Sensing and Computing
Tzu-Chih Tsai, Hao Tang

Initial Investigation of Cell Content Determination of Various Sound Sources in a Room
Takeru Kadokura, Yuki Hashizume, Shigenori Iori, Hiroshi Tanaka

A Neural NLP Framework for an Optimized UI for Creating Tenders in the TED Database of the EU
Sangramsingh N Kayte, Peter Schneider-Kamp

AMBIENT 2: Ambient Devices, Applications and Systems
Session chair: Aderonke Thompson

Multivariate Event Detection for Non-intrusive Load Monitoring
Alexander Gerka, Benjamin Cauchi, Andreas Hein

Performance Isolation of Co-located Workload in a Container-based Vehicle Software Architecture
Johannes Böttinger, René Böhliges Bolesten, Philipp Gottschalk, Markus Kucera, Thomas Waas

Effect of Heart Rate Feedback Virtual Reality on Cardiac Activity
Shunsaku Nomura, Rei Sekigawa, Naoki Iiyama

Introducing SAM.F: The Semantic Ambient Media Framework
David Bouck-Standen

CYBER 2019, The Fourth International Conference on Cyber-Technologies and Cyber-Systems
Session chair: Hannan Azhar

Towards Secure Robot Process Automation Environments
Petri Jürm

Enhancing Attack Resilience by Protecting the Physical-World Interface of Cyber-Physical Systems
Rainer Falk, Steffen Fries

Threat Based Cyber Security Investment Strategies [PRESENTATION]
Anita Bhat

A Fraud Detection Framework using Machine Learning Approach
Leon Alborade, Asteria Thompson and Esther Odeyi

CYBER 2 / CWRW: The Challenges of Implementing Cyber Security in the Real World
Session chair: Anne Coull

Introduction / Editorial [PRESENTATION]
Anne Coull

How Much Cyber Security is Enough?
Anne Coull

Cyber Security Controls
Leonie Shepherd

GS 007 - What Auditors are looking for? [PRESENTATION]
Nohel Chavez

Open Discussion and Closing Remarks [DISCUSSION]
Anne Coull

CYBER 3: Cyber Security II
Session chair: Andrei L. Quintero

Detecting Spectre Vulnerabilities by Sound Static Analysis
Daniel Kästner, Laurent Mauborgne, Christian Ferdinand, Henrik Thelling

Hardware Implementation of Lightweight Chaos-Based Stream Cipher
Guillaume Gautier, Maguy Le Glatin, Safwan El Assad, Wassim Hamidouche, Olivier Deforges, Sylvain Guilluy, Adrien Facon

Eavesdropping Hackers: Detecting Software Vulnerability Communication on Social Media Using Text Mining
Andrei Lima Queiroz, Susan Mckeever, Brian Keegan

A Secure Storage Scheme for Healthcare Data over the Cloud Based on Multiple Authorizations
Zeyad A. Al-Ostai, Sudarshan K. Srinivasan, Dana M. Al-Qtiemat, Sara Suja

CYBER 4 / AICYBER: The Nexus of Cognitive Computing, Artificial Intelligence and Cyber Security - Anomaly Detection at Scale
Session chair: Steve Chan

Introduction / Editorial [PRESENTATION]
Steve Chan

Annealed Cyber Resiliency: Cyber Discernment for the Launch Providers of Space Systems
Steve Chan, Bob Griffin

Surveying and Enhancing Grid Resilience Sensor Communications: An Amalgam of Narrowband, Broadband, and Hybridizing Spread Spectrum
Steve Chan, Ika Oktavianti Najib, Verly Puspa

Fast Training of Support Vector Machine for Forest Fire Prediction
Steve Chan, Ika Oktavianti Najib, Verly Puspa

Context-Referenced Telemetry Data for Distribution Utilities: Quality Assurance/Quality Control by Lateral Sensors
Steve Chan, Ika Oktavianti Najib, Verly Puspa

Open Discussion and Closing Remarks [DISCUSSION]
Steve Chan

CYBER 5: Cyber Forensics
Session chair: Maguy Le Glatin

Refinement Checker for Embedded Object Code Verification
Mohana Asha Latha Dubas, Sudarshan K. Srinivasan, Sara Suja, Zeyad A. Al-Ostai

Comparisons of Forensic Tools to Recover Ephemeral Data from iOS Apps Used for Cyberbullying
Amree Chamberlain, M A Hannan Bin Azhar

Recovery of Forensic Artifacts from a Smart Home IoT Ecosystem
M A Hannan Bin Azhar, Samuel Benjamin Louis Bate

Integrated Certification System ISMS-F [PRESENTATION]
Jong Chan Ahn

DATA ANALYTICS 2019, The Eighth International Conference on Data Analytics
Session chair: Steve Chan

DATA ANALYTICS 1: Target Analytics

Improva Operations of Real-Time Image Classification Utilizing Machine Learning and Knowledge Evolution
David Fraix, Paul Fortier

Johann Sebastian Bach's Music is Speeding Up: Fake News?
David van Erkelens, Daan van den Berg

Analyzing the Structural Health of Civil Infrastructures Using Correlation Networks and Population Analysis
Prasad Chetti, Hesham Ali

A Website Selection Model in Programmatic Advertising using Fuzzy Analytic Hierarchy Process and Similarity Methods
Dimitris Kardaras, Stavroula Barbouraki

DATA ANALYTICS 2: Application-oriented Analytics
Session chair: Claudia Lanza

Analytical Models of Firing Rate Statistics in Sensory Neuroscience Experiments
Charles Pack, Christopher Pack

Architecture of a Big Data Platform for a Semiconductor Company
Daniel Müller, Stephan Trahasch

A Multi-source Experimental Data Fusion Evaluation Method Based on Bayesian Method and Evidence Theory
Huan Zhang, Wei Li, Ping Ma, Ming Yang

Automated Extraction of Domain-Specific Information from Scientific Publications
Philipp Kief, Clarissa Marguardt, Katja Nau, Steffen Scholz, Andreas Schmidt

DATA ANALYTICS 3 / AI-GH: Artificial Intelligence in Global Health
Session chair: Les Sztandera

Introduction / Editorial [PRESENTATION]
Les Sztandera

Leveraging Statistical Methods for an Analysis of Demographic Factors of Opioid Overdose Deaths
Anna Alibev, Daniel Fooks, Les Sztandera, Sean Zakraewski

Effects of New Media on Eviction Rates
Regina Ruane

New Concepts in the Prevention, Treatment and Rehabilitation of Memory Disorders [PRESENTATION]
Sanna Kotsaari

Open Discussion and Closing Remarks [DISCUSSION]
Les Sztandera

DATA ANALYTICS 4 / PDA: Predictive Data Analytics
Session chair: Sandjai Bhulai

Introduction / Editorial [PRESENTATION]
Sandjai Bhulai

Asplined Urban Fire Department Incident Forecasting
Guido Legemaate, Jeffrey de Beijer, Sandjai Bhulai, Rob van der Mei

Data-driven Direct Marketing via Approximate Dynamic Programming
Jesper Silk, Sandjai Bhulai

Open Discussion and Closing Remarks [DISCUSSION]
Sandjai Bhulai

EMERGING 2019, The Eleventh International Conference on Emerging Networks and Systems Intelligence
Session chair: Rainer Falk

An RSU Placement Framework for V2I Scenarios
Boris Kara, Atay Ozgövdere

Dynamic Path Discovery for In-band Control Plane Communication in a Tactical SDN Network
Anders Fongen

Semi-Automated Portfolio Print Retrieval Using Hierarchical Features
Tim van der Brück, Thomas Stadelmann

The Use of E-Portfolio to Develop Student's Self-reflection in Pre-school - The case of a Private Saïda (Lebanon) High School
Roxas Chahine, Hassan M. Khachfe

EMERGING 2 / SPIPMO: Advanced Techniques of Signal Processing with Application in Operating and Monitoring the Industrial Processes
Session chair: Anisia Culea-Florescu

Introduction / Editorial [PRESENTATION]
Anisia Culea-Florescu, Theodor D. Popescu

Vibration Analysis with Application in Predictive Maintenance of Rolling Element Bearings
Theodor D. Popescu, Dorel Aiordachioae, Anisia Culea-Florescu

A Method of Feature Extraction from Time-Frequency Images of Vibration Signals in Faulty Bearings for Classification Purposes
Dorel Aiordachioae, Theodor Popescu, Bogdan Dumitrascu

Fault Detection using NLMs Adaptive Filtering for a Wastewater Treatment Process
Mihnea Mirza, Anisia Culea-Florescu, Mihai Culea

A Battery Charging Smart System Using a Power Management Algorithm and Adaptive Impedance
Nicusor Nistor, Laurentiu Balcu, Bogdan Dumitrascu

Open Discussion and Closing Remarks [DISCUSSION]
Anisia Culea-Florescu, Theodor D. Popescu

GLOBAL HEALTH 2019, The Eighth International Conference on Global Health Challenges
Session chair: Evgeniy Krastev

GLOBAL HEALTH 1: Challenges

Effects of Perinatal Exposure to Chlorpyrifos and/or High Fat Diet on Sleep Apnea in Young Adult Rats
Hiba El Khayat El Sabbour, Wissam H. Journals, Jérôme Gay-Quèhellaard, Veronique Bach, Marion Guibourdet, Narinane Djekoum, Wala Dawouche, Wiam Ramadan

Population Level Analysis of Acute Stroke Care Patterns in Hungary
Ernestina Odeh-Lajthy, Klaus Hartmann, Hubert Roth

Software Implementation of the EU Patient Summary with Archetype Concepts
Evgeniy Krastev, Dimitar Tcharaktchiev, Lyubomir Kirov, Petko Kovatchev, Simeon Abanos, Alexandrina Lambova

The Role of School Administration in Providing and Promoting Health Education in Schools in Nabatieh (Lebanon) Area
Amrni Bejjani, Ali Al Khatib, Hassan Khachfe

GLOBAL HEALTH 2: Health and Wellness Informatics

Determining Testbed Requirements for Technology Enhanced Speech Rehabilitation After Stroke - the Informed Co-workers' View Point
Karin Ahlin, Aweis Ahmad, Peter Mozelius

Implementation of a Distributed System to Collect, Search and Manage Data of Patients with Leprosy in Hiperendemc Municipalities
Jenes Nogueira, Valney Conde, Cláudio Salgado, Guilherme Conde

Hani/Physio App
Marcus Rehman, Tauseef Kamal

Automated Measurement of Echocardiographic Global Longitudinal Strain
Hisham Safawi, Mohamad Hajj-Hassan, Houssein Hajj-Hassan, Hassan M. Khachfe

SEMAPRO 2019, The Thirteenth International Conference on Advances in Semantic Processing
Session chair: Joao Carneira

SEMAPRO 1 / SEMANLP: Semantic Methods for Natural Language Processing
Session chair: Anne Coull

Introduction / Editorial [PRESENTATION]
Tim van der Brück

Example Sentence Selection for Feedback on Preposition Usage
John Lee

Text Similarity Estimation for Targeted Marketing with Outlier Robust Centroids of GloVe Word Embeddings
Tim van der Brück

Open Discussion and Closing Remarks [DISCUSSION]
Tim van der Brück

SEMAPRO 2 / SyMPATHY: Semantic Technologies for Healthcare and Accessibility Applications
Session chair: Hesham Ali

Introduction / Editorial [PRESENTATION]
Efstratios Kontopoulos, Sándor Darányi, Marina Riga

A Data Referencing Formalism for Information Exchange between Deadblind People and Databases
Clara Senor

Static and Dynamic Napsinograms to Communicate Semantic Content
Sándor Darányi, Hesham Ali, Marina Riga, Efstratios Kontopoulos, Ioannis Kompatsiaris

A State of the Art Survey: Business Cases Based on Semantic Web Technologies in Healthcare
Vivi Ntingkogia, Thanos G. Stavropoulos, Maro Vlachopoulos, Ioannis Kompatsiaris

Knowledge-based Intelligence and Strategy Learning for Personalised Virtual Assistance in the Healthcare Domain
Eleni Kamnitsi, Georgios Meditskos, Spyridon Symeonidis, Stefanos Vrochidis, Ioannis Kompatsiaris, Wolfgang Minker

Open Discussion and Closing Remarks [DISCUSSION]
Efstratios Kontopoulos, Sándor Darányi, Marina Riga

SEMAPRO 3: Semantic Applications/Platforms/Technologies
Session chair: Petre Dini

A Semantic Model for the Validation of ePassport Certificate Chain of Trust
Elwaleed Elmarna, Hind Zantout, Hani Ragab Hassan

Semantic Queries Supporting Crisis Management Systems
Manfred Schenk, Tobias Hellmund, Philipp Hertweck, Jürgen Moßgraber

Knowledge Base Completion With Analogical Inference on Context Graphs
Nada Mmourin, Jean-Claude Moissinac, Arif Tuan Vu

Knowledge Representation Frameworks for Terminology Management in Cybersecurity: The OCS Project Use Case
Claudia Lanza, Elena Cardillo, Maria Taverniti, Roberto Guazac

UBICOMM 2019, The Thirteenth International Conference on Mobile Ubiquitous Computing, Systems, Services and Technologies
Session chair: Joao Carneira

UBICOMM 1: Users, Applications, and Business Models

TPM Feature Set: A Universal Algorithm for Spatial-Temporal Pressure Mapping Imagery Data
Bo Zhou, Paul Lukowicz

Multi-device Notifications: A Comparison Between MQTT and CoAP
Luis Augusto Silva, Gabriel de Mello, Bruno A. de Silva, Gabriel Villarrubia González, Juan De Paz Santana, Paulo Valente, Prádir R. Q. Leithardt

EARTH COURSE Pilot: NEWTON Project Support for STEM Education
Cristina Hava Murteanu, Diana Bogusevschi

NEWTON Programming Pilot: Enhancing Learner's Experience in Higher Education Programming Courses [PRESENTATION]
Gabriel-Miro Murteanu

UBICOMM 2: Information Ubiquity
Session chair: Giuseppe Ercolani

PHRS Calibration for a Dual String Sensor Network Application
Emmanuel Odeh-Lajthy, Klaus Hartmann, Hubert Roth

Predicting User Interests Based on Their Latest Web Activities
Takeshi Tsuchiya, Hiroo HIROSE, Tetsuya YAMADA, Hirokazu YOSHINAGA, Keichi KOYANAGI

LHD Panoramic Video Coding for Multi-camera and Multi-processor Acquisition Systems
Joao Duarte, Joao Carneira, Pedro Assuncao

UBICOMM 3: Mobility
Session chair: Hannan Azhar

Approximate Analytical Model for Queued Handover Requests in Cellular Networks
Vicente Casares-Giner, Jorge Martinez-Bauset

Contextualization of the Trialability Concept in the SaaS Model for Mobile and Ubiquitous Environment Deployed in Public Cloud
Giuseppe Ercolani, Jose Vicente Rodriguez Muñoz

UBICOMM 4 / SWIoT: Semantic Web and IoT Technologies
Session chair: Konstantinos Kotis

Introduction / Editorial [PRESENTATION]
Konstantinos Kotis, Christos Goumopoulos, Dimitris Kavroudis

Automating the Semantic Labeling of Stream Data
Konstantinos Kotis

Interoperability in IoT: A Vital Key Factor to Create the "Social Network" of Things
Antonios Pliatsios, Christos Goumopoulos, Konstantinos Kotis

Innovative Micro Authorization Server (MAS) Providing Trusted Authorization Services To Mobile Users Equipped with TLS Token
Simon Eilharbi, Pascal Urien

Open Discussion and Closing Remarks [DISCUSSION]
Konstantinos Kotis, Christos Goumopoulos, Dimitris Kavroudis

UBICOMM 5 / JFDA: IoT for Flexible Digital Automation
Session chair: John Kaldis

Introduction / Editorial [PRESENTATION]
John Soldatos, Pedro Malo

Business Case Evaluation Methodology (BCEM) for Factories Digitalization
Roberto Roca, Giacomo Tavola, Filippo Boschi, Paola Farinetti, Marco Taisch

Architectural Blueprint Solution for Migrating Towards FAR-EDGE
Ambra Calà, Filippo Boschi, Paola Farinetti, Giacomo Tavola, Marco Taisch

Digital Models for Data Analytics and Digital Twins in Industrial Automation Applications. Introduction of a Common Interoperability Registry
Marko Kraljević, Jolán Zetsch, John Soldatos, Mauro Jaqe

A Field Study: The Perceptions of IoT Adoption for Production Industry
Jolán Zetsch, Jolán Zetsch, Nils Weimer, Martin Buskowsk

Open Discussion and Closing Remarks [DISCUSSION]
John Soldatos, Pedro Malo