The Second International Conference on Smart Systems Integration and Control Systems

CYBER 2017

November 12 - 16, 2017 - Barcelona, Spain

Conference Program

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CONFERENCE PROGRAM

UNICOMP 2017 - SMART DATA 2017 - DATA ANALYTICS 2017 - CYBER 2017 - ENERGY 2017 - SENSORCOMM 2017 - SMART GRIDS 2017

Conference Room Locations

Barcelona Marriott Hotel
Carrer de Tànger, 122-140
08018 Barcelona, Spain
http://www.marriott.com/hotels/travel/barbc-barcelona-marriott-hotel/#maps/#mode=2D&lat=41.39448&long=2.16966&zoom=17&pin=1&dest=41.39448,2.16966,Carrer%20de%20Tànger,%20Barcelona,%20Spain
Phone: +34 93 321 60 00
Email: info@marriottbarcelona.com

Note: Sessions marked with an * are Tutorials sessions. Plenary Sessions are in bold. Lunch breaks are according to the number of accepted tutorials (and tutorial duration) and are not specified here.

Conference Room	Room A	Room B	Room C	Room D

Sunday, November 12

9:00 - 18:00	**Registration starts**				
	Tutorial I				
11:00 - 15:00	**Automatic Data Integration for Large Intelligent Man-Machine Interfaces** *Prof. Dr. Wolfgang Hanenkamp, Rheinisch University of Technology, Poland*				
15:00 - 15:15	**Coffee**				
	Tutorial II				
15:15 - 17:15	**Underwater Wireless Optical Communications** *Prof. Dr. Mehdi Sookhak, Western Carolina University, University of Plymouth, United Kingdom*				
17:15 - 17:30	**Coffee**				
	Tutorial III				
17:30 - 19:30	**Automated Web-Based Healthcare Quality Management Systems: Design and Implementation** *Speaker: Prof. Dr. Gregory Chernyak, Ben-Gurion University, Israel* *Speaker: Prof. Dr. Alexander M. Khalyavin, Lobachevsky State University, Lobachevsky State University, Russian Federation*				

Welcome Cocktail
The Welcome Cocktail will be offered at the venue for the cocktail

Monday, November 13

8:00 - 9:00	Opening session				
9:0 - 10:15	**Keynote Speech** **Adaptive Gaussian Time Sampling Using Machine Wills and Machine Learning** *Prof. Dr. Michael Gastpardo, The Technische University, Jordan*				
10:15 - 10:30	**Coffee Break**				
10:30 - 12:30	UNICOMP2	SCITCP/IT	CYBER 1	GLOBAL HEALTH	
12:30 - 14:00	Lunch at your own				
14:00 - 15:30	DATA ANALYTICS 1	SCITCP/IT	ENERGY 1	SENSORCOMM 1	
15:30 - 17:30	**Coffee**				
17:30 - 19:00	SMART GRIDS 1	CYBER 2	CYBER 3	UNICOMP 3	
19:00 - 17:30	**Coffee Break**				
	Panel on BIG/CYBER/SENSORS **Topic: Semantic Approximation Into Optimization in Advanced Computing** **Moderator** Peter Kuchin, Kaliningrad State University, Russian Federation **Panelists** Dmitry Gaitsa, Institute of Information Technologies, Russian Federation, National Research Council Alexandros Kaminis, Hellenic University of Technology, Greece Alexander Khalyavin, Lobachevsky State University, Lobachevsky State University, Russian Federation Jan Gabriel, IT-Consultant, Germany Jan Gabriel, IT-Consultant, Germany				

Tuesday, November 14

9:0 - 10:15	**Keynote Speech** **Software Enough for Wearables in Ubiquitous Computing Paradigm** *Prof. Dr. Eugene Fradkin, University of Kiev, Japan*				
10:15 - 10:30	**Coffee Break**				
10:30 - 12:30	GLOBAL HEALTH 1	SENSORS 1	ENERGY 2	CYBER 4	
12:30 - 14:00	Lunch at your own				
14:00 - 15:30	**Panel on CYBER 2017/SENSORS** **Topic: FTMRS Knowledge Based Systems Design and Evaluating the Cyber-Learner of Intelligent Systems** **Moderator** Dmitry Gaitsa, Institute of Information Technologies, Russian Federation **Panelists** Kamal Faiff, Nanyang Technological University, Singapore Maria Bielikova, Slovak University of Technology, Slovakia Dmitry Gaitsa, Institute of Information Technologies, Russian Federation Jan Gabriel, IT-Consultant, Germany Jan Gabriel, IT-Consultant, Germany				
15:30 - 17:30	**Coffee**				
17:30 - 19:00	DATA ANALYTICS 2	SCITCP/IT	CYBER 5	GLOBAL HEALTH 2	
19:00 - 17:30	**Coffee Break**				
	Panel on DATA ANALYTICS/SCITCP **Topic: Data Analytics and Big Data in Cybersecurity** **Moderator** Sandjai Bhulai, Vrije Universiteit Amsterdam, Netherlands **Panelists** Frank W. Marrahan, TNO (Delft Science & Innovation), Germany Sandjai Bhulai, Vrije Universiteit Amsterdam, Netherlands Jan Gabriel, IT-Consultant, Germany Jan Gabriel, IT-Consultant, Germany				

Wednesday, November 15

9:0 - 10:15	**Keynote Speech** **Energy/Cyber Security Assessment: Data Analytics for Cyber Resilience of Strategic Critical Service and Infrastructure** *Dr. Hugo Gaia, Telecommunications Institute of Technology (IMT), USA*				
10:15 - 10:30	**Coffee Break**				
10:30 - 12:30	DATA ANALYTICS 3	SCITCP/IT	CYBER 6	GLOBAL HEALTH 3	
12:30 - 14:00	Lunch at your own				
14:00 - 15:30	DATA ANALYTICS 4	SCITCP/IT	CYBER 7	SENSORS 2	
15:30 - 17:30	**Coffee**				
17:30 - 19:00	UNICOMP 4	SCITCP/IT	CYBER 8		
19:00 - 17:30	**Coffee Break**				
	Panel on DATA ANALYTICS/CYBER **Topic: Data analytics and Big Data in Cybersecurity** **Moderator** Sandjai Bhulai, Vrije Universiteit Amsterdam, Netherlands **Panelists** Frank W. Marrahan, TNO (Delft Science & Innovation), Germany Sandjai Bhulai, Vrije Universiteit Amsterdam, Netherlands Jan Gabriel, IT-Consultant, Germany Jan Gabriel, IT-Consultant, Germany				

CONFERENCE DINNER

Thursday, November 16

9:0 - 10:15	**Keynote Speech** **Geographically Challenges and Solution of Ineffective Attacks** *Prof. Dr. Jean-Luc Scharbarg, ENSEEIHT-Institute Toulouse, France*				
10:15 - 10:30	**Coffee Break**				
10:30 - 12:30	UNICOMP5	SCITCP/IT	CYBER 9	GLOBAL HEALTH 4	
12:30 - 14:00	Lunch at your own				
14:00 - 15:30	UNICOMP 6	SCITCP/IT	CYBER 10		
15:30 - 17:30	**Coffee**				
17:30 - 19:00	UNICOMP 7	SCITCP/IT	CYBER 11	DATA ANALYTICS 5	
19:00 - 17:30	**Coffee Break**				
	Panel on DATA ANALYTICS/CYBER **Topic: Data analytics and Big Data in Cybersecurity** **Moderator** Sandjai Bhulai, Vrije Universiteit Amsterdam, Netherlands **Panelists** Frank W. Marrahan, TNO (Delft Science & Innovation), Germany Sandjai Bhulai, Vrije Universiteit Amsterdam, Netherlands Jan Gabriel, IT-Consultant, Germany Jan Gabriel, IT-Consultant, Germany				

Friday, November 17

Reconstruction to the start of your stay:
Contact: info@barcelonaconvention.com
Contact: info@barcelonaconvention.com

Sunrise
Sunset
Moon phase
Tropical Medicine
Tropical Medicine
Medical Care
Medical Care
Medical Care
Lost Property
Lost Property
Lost Property

Wireless
Wireless Internet Wireless Internet (Wireless Internet)

Session Program

UNICOMP 2017, The Second International Conference on Advanced Engineering Computing and Applications in Advanced

UNICOMP1 / Computing applications in science
Chair: Dimitrios Karamitsos, Greece

A Backward Reconstruction Method of Spectral Reconstruction in Hyperspectral Imaging
Jan Gabriel, Germany

Search Optimization of Scattering Particles Models in Angular Multi Extinction Photometry
Jan Gabriel, Germany, Jan Gabriel, Germany

Automatic Data Acquisition Methodology of Multi-Dimensional Fixed Ceiling Plates in The Cone Changes
Jan Gabriel, Germany

UNICOMP2 / Advances in computation methods
Jan Gabriel, Jan Gabriel

Learning in Time Measurement Model Using the Kind Mind with Partial Feedback
Jan Gabriel, Jan Gabriel

Improved Accurate Latent Representation Algorithm for Non-Negative Matrix Factorization
Jan Gabriel, Jan Gabriel, Jan Gabriel, Jan Gabriel

Predicting Stock Market Index Using Fusion of Machine Learning Experimental Data Dependencies
Anand Nayyar1, Vishal Puri2, Nhan Jiann Loon3

UNICOMP3 / Interdisciplinary Computing
Jan Gabriel, Jan Gabriel

Contract Issues of Software and Hardware Jobs in Photo Photography
Jan Gabriel, Jan Gabriel

An Interactive Learning Tool for Teaching Binding Algorithms
Jan Gabriel, Jan Gabriel, Jan Gabriel, Jan Gabriel, Jan Gabriel, Jan Gabriel

The Longitude of the Particle Nodes Based on the Measured Aspects (PRESENTATION)
Ou Zhang

UNICOMP4 / Computing Technologies
Jan Gabriel, Jan Gabriel, Jan Gabriel

Module 2: Automatic Data Acquisition Methodology Combined for Modular Structure on RGB/NIR/IR Cameras Based on Fixed Ceiling Plates in The Cone Changes
Jan Gabriel, Jan Gabriel, Jan Gabriel, Jan Gabriel

Critical Speed Electric Circuits Analysis Based on Fuzzy Logic
Jan Gabriel, Jan Gabriel, Jan Gabriel, Jan Gabriel, Jan Gabriel, Jan Gabriel

Automated Translation of MATLAB Codes in C with Performance and Traceability
Jan Gabriel, Jan Gabriel, Jan Gabriel, Jan Gabriel, Jan Gabriel, Jan Gabriel, Jan Gabriel, Jan Gabriel, Jan Gabriel

Third-Level Data Integration Scheme for Structural Dynamics
Jan Gabriel, Jan Gabriel

UNICOMP5 / Advances in Ambient Computing, Applications, Services and Interfaces
Jan Gabriel, Jan Gabriel

UNICOMP6 / Ambient Computing, Applications, Services and Interfaces
Jan Gabriel, Jan Gabriel, Jan Gabriel, Jan Gabriel, Jan Gabriel

Ambient Computer Vs. Microcomputer of 3D Image Point and Video Footage for Ambient Learning
Jan Gabriel, Jan Gabriel, Jan Gabriel, Jan Gabriel, Jan Gabriel, Jan Gabriel

Semantic Analysis of Text for Mapping Recipes Texts Descriptions in Cooking Tv for Internet of Things
Jan Gabriel, Jan Gabriel, Jan Gabriel, Jan Gabriel, Jan Gabriel, Jan Gabriel

UNICOMP7 / Ambient Services, applications and systems
Jan Gabriel, Jan Gabriel, Jan Gabriel

Ambient Health Monitoring System for Solitary Elderly
Jan Gabriel, Jan Gabriel

Increasing Tissue Readings by Optical Reproduction Technique Using Cancer Tissues Remote, Hyperspectral Source, Spear Sensors, Optical Source, Optical Source, Sensor Layers, Sensor Layers, Sensor Layers