

NAEC 2014 Program Schedule

Trieste, August 21- 24, 2014

Thursday

Registration

Room:

Thursday 03:30-6:00PM Registration

Reg. Area

Registration

Session: 1 Aftermarket Networks and Supply Chain Services

Room:

Thursday 4:00-5:40PM Session

Chairman: Rogers Ascef

Hall A

Session Organizer: Rogers Ascef

The Impact of Information Integration on Maintenance Supply Chain

Rogers Ascef, Brazilian Air Force Brazil

Alex Bordetsky, Naval Postgraduate School USA

Geraldo Ferrer, Naval Postgraduate School Monterey USA

Solving Aircraft Repairable Inventory Distribution Problem Using Spreadsheets

Roberto Abreu, Aeronautical Institute of Technology Brazil

The Impact of Solid Waste Management in Aftermarket, A Review (2004-2013)

Roberto N. C. Teixeira, Fortaleza University - UNIFOR Brazil

Geraldo Ferrer, Naval Postgraduate School Monterey USA

Session: 2 ICT Convergence and Platform Technology

Room:

Thursday 4:00-5:40PM Session

Chairman: Seungmin Rho

Hall B

Session Organizer: Seungmin Rho

Telling a digital visual story in a digital age: Rethinking digital narrative and digital aesthetics

JiYeon Lee, Mokwon University Daejeon South Korea

Interweaving Language Education with ICT: A Case Study in Korean EFL Context

Kyeong-Ouk Jeong, Republic of Korea Air Force Academy South Korea

Integration Models and Implementations Focused on Music Curriculum

Ka-won Lee, Mokwon University Daejeon South Korea

S.M.A.R.T. Digital Textbook for Creativity

Jeong-ryeol Kim, Korea National University of Education South Korea

Young-Joo Jeon, Mokwon University Daejeon South Korea

Friday

Session: 3 Agile Networked Business Models - Past and Future

Room:

Friday 8:30-10:10AM Session

Chairman: Yan Cimon

Hall A

Session Organizer: Yan Cimon

The Physical Internet and Networked Business Models

Benoit Montreuil, Université Laval Canada

Strategy and Business Modeling

Diane Poulin, Université Laval Canada

Collaborative Relationship Issues in Networked Decentralized Supply Chains

Remy Glardon, EPFL Switzerland

Global Integrative Business Model Dynamics

Yan Cimon, University of Laval Canada

Session: 4 Information Technologies for e-community and e-commerce **Room:**

Friday 8:30-10:10AM Session **Chairman: Shih-Lin Wu** **Hall B**

Session Organizer: Shih-Lin Wu

Friend-Clustering Algorithms for Social Network Services

Yu-Wen Li, Chang Gung University Taiwan

Hsien-Tsung Chang, Chang Gung University Taiwan

Emotional response to advertising slogans: the speech emotion recognition and self-report contrasted

Wan-Chen Wang, Feng Chia University Taiwan

Teresa Tiaojung Hsu, Cheng Shiu University Taiwan

Shih-Lin Wu, Chang Gung University Taiwan

Treelt: an application to create, maintain, and enhance online social connections

Tsai-Hsuan Tsai, Chang Gung University Taiwan

Hsien-Tsung Chang, Chang Gung University Taiwan

Yan-jiun Chen, Chang Gung University

Yi-Hao Hu, Chang Gung University Taiwan

Dong-Hng Lin, Chang Gung University Taiwan

Chu-Chin Kuo, Chang Gung University Taiwan

Tzu-Yu Yang, Chang Gung University Taiwan

Coffee Morning Break (Friday) **Room:**

Friday 10:10-10:40AM Coffee Break **Reg. Area**

Coffee Break (Friday Morning)

Session: 5 Sensing, Signal Processing, and Networking for Healthcare Applications **Room:**

Friday 10:40-12:20AM Session **Chairman: Chung-Hsien Kuo** **Hall A**

Session Organizer: Shih-Lin Wu

Smart Clothes Platform – Your Personal Health Monitor

Yung-Cheng Ma, Chang Gung University Taiwan

Tzung-You Tsai, Chang Gung University Taiwan

Yuan-Fu Shiu, Chang Gung University Taiwan

A Two-Stops Path Planning Method for the First-Aid Emergency Rescue System (Previous Title - Design and Implement an Emergency Rescue System for Acute Myocardial Infarction)

Shih-Lin Wu, Chang Gung University Taiwan

Ching-Chih Chen, Chang Gung University Taiwan

Multisensory flow experience creation through augmented-reality interactive technology: a temporal construal level perspective

Tseng-Lung Huang, Yuan Ze University Taiwan

Shuling Liao, Yuan Ze University Taiwan

A Hybrid Biopotential-based Multimedia Control Interface with EEG and EOG Signals

Yu-Cheng Kuo, National Taiwan University of Science and Technology Taipei Taiwan

Narendra Prataksita, National Taiwan University of Science and Technology Taipei Taiwan

Yi-Tseng Lin, National Taiwan University of Science and Technology Taipei Taiwan

Chung-Hsien Kuo, National Taiwan University of Science and Technology Taiwan

Friday Lunch Break **Room:**

Friday 12:30-2:00PM Lunch **Reg. Area**

Friday Lunch

Session: 6 Electronic Service Measurement and Evaluation**Room:****Friday 2:00-3:40PM Session****Chairman: Hong Joo Lee****Hall A**

Session Organizer: Seungmin Rho

An Automated Requirements Traceability: Managing Evolving Requirements Using Ontology-based Approach

Theresia Ratih Dewi Saputri, Ajou University South Korea

Seok-Won Lee, Ajou University Suwon South Korea

Research of Service Technology to Draw Out Solutions to Social Issues

Hong Joo Lee, Kyonggi University South Korea

ICT Asset Management Framework on Pervasive Computing

Hyeri Kim, Sangmyung University South Korea

Minkyung Kang, Sangmyung University South Korea

Yanghoon Kim, Far East University Chungbuk South Korea

Hangbae Chang, Chung-Ang University South Korea

Directional Social Network Analysis for supporting the Reliable Decision Making process

Mucheol Kim, Korea Institute of Science and Technology Information Daejeon South Korea

Sang-Soo Yeo, Mokwon University South Korea

Sangyong Han, Chung-Ang University Seoul South Korea

Seungmin Rho, Sungkyul University Anyang-si South Korea

Coffee Afternoon Break (Friday)**Room:****Friday 3:40-4:10PM Coffee Break****Reg. Area**

Coffee Break (Friday afternoon)

Session: 7 Application of Multimedia Technologies to Electronic Services**Room:****Friday 4:10-5:40PM Session****Chairman: YongSoo Choi****Hall A**

Session Organizer: Seungmin Rho

The Magic Number for Determining User Preferences in Recommendation Systems

Dongwoo Lee, Yonsei University Seoul South Korea

Sang-Min Choi, Yonsei University Seoul South Korea

Yo-Sub Han, Yonsei University Seoul South Korea

Ka Lok Man, Xi'an Jiaotong-Liverpool University Suzhou China

Kaiyu Wan, Xi'an Jiaotong-Liverpool University Suzhou China

Seungmin Rho, Sungkyul University Anyang-si South Korea

Robust Image Hash Generation Method utilizing Advanced Histogram Merging

YongSoo Choi, Sungkyul University Seoul South Korea

HyoungJoong Kim, Korea University Seoul South Korea

Hand Gesture Recognition using Stereo Cameras

Yunyoung Nam, Soonchunhyang University South Korea

Kyung-Taek Lee, Korea Electronics Technology Institute Seoul South Korea

Jo Woon Chong, Worcester Polytechnic Institute USA

Chae Ho Cho, M2soft Company, Ltd. Seoul South Korea

Seungmin Rho, Sungkyul University Anyang-si South Korea

Cloud-based Mobile Usability Analysis Framework

Ahyoung Kim, Electronics and Telecommunications Research Institute South Korea

Junwoo Lee, Electronics and Telecommunications Research Institute South Korea

Gil-Haeng Lee, Electronics and Telecommunications Research Institute South Korea

Dinner Friday

Room:

Friday 7:00-9:00PM Dinner

Reg. Area

Friday Dinner

Saturday

Session: 8 Economics, Innovation and Adoption

Room:

Saturday 8:30-10:10AM Session

Chairman: Olivier Lefebvre

Hall A

About management of an operator's QoS (Quality of service): how to model it?

Olivier Lefebvre, France Telecom Finance Paris France

Implementing Software as a Service based E-governance Solution: A Motivation-Capability-Outcome Perspective

Monika Mital, XLRI Jaipuria Institute Of Management Jamshedpur India

Ram Ramesh, SUNY USA

Ashis K. Pani, XLRI Jamshedpur India

A Weight-based Item Recommendation Approach for Electronic Commerce Systems

Yingsi Zhao, Beijing Jiaotong University Beijing China

Yan-Ping Liu, Beijing Jiaotong University Beijing China

Qing-An Zeng, North Carolina A&T State University Greensboro USA

Online Co-innovation: Users Latent Profile in two European Countries

Carlota Lorenzo-Romero, UNIVERSITY OF CASTILLA-LA MANCHA (SPAIN) Albacete Spain

Efthymios Constantinides, University of Twente Enschede The Netherlands

Giacomo Del Chiappa, University of Sassari Sassari Italy

Coffee Morning Break (Saturday)

Room:

Saturday 10:10-10:40AM Coffee Break

Reg. Area

Coffee Break (Saturday)

Session: 9 Computational Networks

Room:

Saturday 10:40-12:20AM Session

Chairman: Martin Zsifkovits

Hall A

Session Organizer: Stefan Pickl

From Visualization to Visual Analytics for Complex Networks: A Concise Review on Information Overload Problem in Crisis Situations

Sorin Nistor, Univeristät der Bundeswehr München Germany

Stefan Pickl, Universität der Bundeswehr München Neubiberg Germany

Matthias Dehmer, Universität der Bundeswehr München Germany

Toward Disruptions in the Boarding Process: A System Dynamics approach

Elisa Canzani, Universitaet der Bundeswehr Muenchen Munich Germany

Ulrike Lechner, Universitaet der Bundeswehr Muenchen

An Improved Graph-Based Decision Support Approach by employing Graph Measures

Michael Preuss, Universität der Bundeswehr München Germany

Matthias Dehmer, Universität der Bundeswehr München Germany

Stefan Pickl, Universität der Bundeswehr München Neubiberg Germany

Managing Rescue Services using Web2.0 Applications

Martin Zsifkovits, University of Vienna Vienna Austria

Session: 10 Security and Privacy**Room:****Saturday 10:40-12:20AM Session****Chairman: Galen Grimes****Hall B****Can we have privacy and efficiency with the Rapid Growth of the Internet and Digital Information?**

Diana Walsh, New Jersey's Science and Technology University (NJIT) USA

James M. Parisi, Law offices of Murphy McKeon, P.C. Riverdale USA

Katia Passerini, New Jersey Institute of Technology Brooklyn USA

How prepared are we for cyber warfare?

Galen A. Grimes, Penn State University – Greater Allegheny McKeesport USA

Margaret L. Signorella, Penn State Greater Allegheny McKeesport USA

Improved Trust Management based on the Strength of Ties for Secure Data Aggregation in Wireless Sensor Networks

Yun Liu, Beijing Municipal Commission of Education Beijing China

Chen-Xu Liu, Beijing Municipal Commission of Education Beijing China

Qing-An Zeng, North Carolina A&T State University Greensboro USA

A Formal Approach to Agent Planning on Inference Trees

Cyrus F. Nourani, Akdmkrd.tripod.com- DAI TU Berlin and TransMedia GmbH Germany

Johnnes Fahndrich, TU-Berlin Berlin Germany

Lunch Saturday**Room:****Saturday 12:30-2:00PM Lunch****Reg. Area****Saturday Lunch**

Session: 11 Wireless Networking**Room:****Saturday 2:00-3:40PM Session****Chairman: Robert Bestak****Hall A**

Session Organizer: Robert Bestak

Virtualisation of Mobile Core Network by Cloudlet Communication

Ardian Ulvan, University of Lampung Indonesia

Robert Bestak, Czech Technical University in Prague Prague Czech Republic

Davina Olivia, University of Lampung Indonesia

Melvi Ulvan, University of Lampung Indonesia

Gigih FordaNama, University of Lampung Indonesia

Study of security issues in GSM network and their practical demonstration

Lukas Sevcik, VSB-Technical University of Ostrava Czech Republic

Miroslav Voznak, VSB-Technical University of Ostrava Ostrava Czech Republic

Martin Prokes, VSB-Technical University of Ostrava Czech Republic

Peppino Fazio, University of Calabria Italy

Homero Toral-Cruz, University of Quintana Roo Mexico

Improving the Performance of Wireless Sensor Networks: Recent Polices and Approaches

Ibrahiem M. M. El-Emary, King Abdulaziz University Saudi Arabia

Mona M. Abdul Kareem, Suez Canal University Ismailia Egypt

Performance Analysis of a Mobile Wireless Sensor Network Using OPNET Simulator

Ahmad Zulhusn Rozali, Athlone Institute of Technology Ireland

Robert Stewart, Athlone Institute of Technology Athlone Ireland

Sean Kennedy, Athlone Institute of Technology Ireland

Tour and Dinner Saturday**Room:****Saturday 6:00-9:00PM Dinner****Restaurant****Saturday Dinner (Location and Logistics to be Announced)**

Sunday

Session: 12 Cloud Service Modeling, Analysis and Optimization

Room:

Sunday 8:30-10:10AM Session

Chairman: Suk-Gwon Chang

Hall A

Session Organizer: Suk-Gwon Chang

Academic Research Trend Analysis Using Social Network Analysis and Text Mining: Case of Cloud Computing Papers

Dong Sung Kim, Hanyang University Seoul South Korea

Jong Woo Kim, Hanyang University Seoul South Korea

A Longitudinal Analysis of Online Community Dynamics – Using Social Network Analysis

Seung Baek, Hanyang University Seoul South Korea

Young Min Kim, Hanyang University Seoul

A Cloud Service Selection Problem Using Fuzzy AHP and IT BSC Focusing on IaaS.”

Kwang-Kyu Seo, Sangmyung University Chungnam South Korea

Policy Optimization in a Cloud-based Video Distribution Network

Suk-Gwon Chang, Hanyang University South Korea

Session: 13 Networks & Communication Systems

Room:

Sunday 8:30-10:10AM Session

Chairman: Homero Toral-Cruz

Hall B

Session Organizer: Homero Toral-Cruz

Behavior and Influence Function Models for Node Selection And Discovery

Slavyana Kasabova, Aalborg University Aalborg Denmark

Miroslav Gechev, Aalborg University Aalborg Denmark

Vladislav Vasilev, Technical University of Sofia Sofia Bulgaria

Albena Mihovska, Aalborg University Aalborg Denmark

Vladimir Poulkov, Technical University of Sofia Sofia Bulgaria

Ramjee Prasad, Aalborg University Aalborg Denmark

An Efficient Fragile Watermarking-based Scheme to Secure Data Aggregation in WSNs

Sabrina Boubiche, Batna University Algeria

Djallel Eddine Boubiche, University Hadj Lakhdar of Batna Algeria

Azeddine Bilami, Batna University Algeria

Samir Athmani, Batna University Algeria

IDS based on Misuse Detection for Cluster-Based WSN

Faouzi Hidoussi, University Hadj Lakhdar of Batna

Homero Toral-Cruz, University of Quintana Roo Mexico

Djallel Eddine Boubiche, University Hadj Lakhdar of Batna Algeria

Kamaljit Lakhtaria, Sir Padampat Singhania University Rajasthan India

Albena Mihovska, Aalborg University Aalborg Denmark

Miroslav Voznak, VSB-Technical University of Ostrava Ostrava Czech Republic

Feedback Control for Data Aggregation in Wireless Sensor Networks: A Survey

Djallel Eddine Boubiche, University Hadj Lakhdar of Batna Algeria

Sabrina Boubiche, Batna University Algeria

Azeddine Bilami, Batna University Algeria

Homero Toral-Cruz, University of Quintana Roo Mexico

Coffee Morning Break (Sunday)

Room:

Sunday 10:10-10:30AM Coffee Break

Reg. Area

Coffee Break (Sunday)

Session: 14 Value Creation on Networks**Room:****Sunday 10:30-12:10AM Session****Chairman: Francesco Benedetto****Hall A****Value co-creation in e-commerce contexts: Does product type matter?**

Carmen Echebarria, University of the Basque Country (UPV/EHU) Spain

Jose M. Barrutia, University of the Basque Country (UPV/EHU) Spain

Mario R. Paredes, University of the Basque Country (UPV/EHU) Spain

Vanessa Apaolaza Ibáñez, Universidad del Pais Vasco (UPV/EHU) Spain

Patrick Hartmann, Universidad del Pais Vasco (UPV/EHU) Spain

Understanding the adoption of online grocery shopping: personal characteristics or family-level determinants?

Ellen Van Droogenbroeck, Vrije Universiteit Brussel Belgium

Leo Van Hove, Vrije Universiteit Brussel Brussels Belgium

Value-Added Service Providers for Mobile Education: Empirical Challenges and Analytics

Cesar Bandera, New Jersey Institute of Technology Newark USA

Brand Monitoring in the Twitter Social Network for Electronic Commerce

Francesco Benedetto, University of Roma TRE Rome Italy

A. Tedeschi, University of Roma TRE Rome Italy

G. Giunta, University of Roma TRE Rome Italy

Session: 15 IP networks and protocols**Room:****Sunday 10:30-12:10AM Session****Chairman: Robert Bestak****Hall B**

Session Organizer: Robert Bestak

Increase of Voice Service Performance by Changing Voice Payload Size

Antonin Mazalek, University of Defense Brno Czech Republic

Robert Bestak, Czech Technical University in Prague Prague Czech Republic

Zuzana Vranova, University of Defense Brno Czech Republic

Vaclav Platenka, University of defense Czech Republic

The Impact of IPsec Encryption on the Voice Quality

Zuzana Vranova, University of Defense Brno Czech Republic

Robert Bestak, Czech Technical University in Prague Prague Czech Republic

Antonin Mazalek, University of Defense Brno Czech Republic

Marketa Vrsecka, University of Defence Brno Czech Republic

Degrading effect analysis, packet loss and out of order data on various tips and video resolution

Lukas Sevcik, VSB-Technical University of Ostrava Czech Republic

Jaroslav Frnda, VSB-Technical University of Ostrava Czech Republic

Miroslav Voznak, VSB-Technical University of Ostrava Ostrava Czech Republic

Advanced Emergency Voice Messaging

Miroslav Voznak, VSB-Technical University of Ostrava Ostrava Czech Republic

Fillip Rezac, VSB-Technical University of Ostrava Czech Republic

Karel Tomala, VSB-Technical University of Ostrava Czech Republic

Session: 16 Closing Session**Room:****Sunday 12:15-12:30PM Closing Session****Bezalel Gavish****Hall A****Closing Session**

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