Monday, June 20, 2016

Opening Plenary Session

Bled eConference Chair:

Andreja Pucihar, Associate Professor and Vice Dean for International Cooperation

Faculty of Organizational Sciences, University of Maribor, Slovenia

Living Bits and Things Conference Chair:

Tomaž Vidonja, Executive Manager, Competence center Opcomm, Institute Technology Network ICT, Slovenia

Welcome Addresses:

Igor Tičar, Professor & Rector, University of Maribor, Slovenia

Marko Ferjan, Professor & Dean, Faculty of Organizational Sciences, University of Maribor, Slovenia

Boris Koprivnikar, Deputy Prime Minister and Minister of Public Administration, Republic of Slovenia

Marjan Turk, Director, Directorate for the Information Society, Ministry of Education, Science and Sport, Republic of Slovenia

Keynote Speech:
Innovation and Design Science Research

Alan R. Hevner, Professor and Eminent Scholar

Information Systems and Decision Sciences, Muma College of Business, University of South Florida, United States

Best Paper Award:

Roger Clarke

Monday, June 20, 2016 –11:00 – 12:30 Jupiter Hall I

E-Health Solutions: Mobile Devices and Sensors in a Clinical Environment - Panel

Chair:

Nilmini Wickramasinghe, Professor

Epworth Healthcare & Deakin University, Melbourne, Australia

Panelists

Andreas Buchenscheit, Cortex Media GmbH, Ulm & DHBW Heidenheim & Ulm University of Applied Sciences, Germany

Luuk Simons, Delft University of Technology, The Netherlands

Elliot Sloane, Professor, Villanova University, USA

Doug Vogel, Professor, Harbin Institute of Technology, Harbin, P. R. of China

Nilmini Wickramasinghe, Epworth Healthcare & Deakin University, Melbourne, Australia

Monday, June 20, 2016 –11:00 – 12:30 Libertas Hall

Mobile Systems - General Research Track

Chair:

To be announced

Presenters:

Determining the Target System for Mobile Systems as Part of an Integrative Approach for the Economic Impact of Mobile Systems: Validation at an SME

Tamara Högler and Johan Versendaal

Privacy Awareness in Mobile Business: How Mobile OS and Apps support transparency in the use of Personal Data

Mattis Hartwig, Olaf Reinhold and Rainer Alt

Tablets penetrate the customer advisory process: A case from a Swiss Private Bank

Rebecca Nueesch, Thomas Zerndt, Rainer Alt and Roberto G. Ferretti

Tuesday, June 21, 2016 –11:00 – 12:30 Concordia Hall

General Research Track I

Chair: to be announced

Presenters:

Seeing the Forest: Applying Latent Semantic Analysis to Technology Discourse
Jacob Miller, David Gefen and Vk Narayanan

New approach for semi-structured processes optimization using entropy variations of the information field - RIP paper
Julia Bilinkis, Elena Filimonova, Nikolay Kazantsev and Zueva Anastasia

The applicability of Process Mining to determine and align process model descriptions
Arjen Maris, Roland Bijvank and Pascal Ravesteijn

Monday, June 20, 2016 –14:00 – 15:30 Jupiter I Hall

Ubiquitous Computing for Well-being and Ambient Assisted Living - Panel

Chair:
Juergen Seitz, Professor, DHBW Heidenheim, Germany

Panelists:

Andreas Buchenscheit, Cortex Media GmbH, Ulm & DHBW Heidenheim & Ulm University of Applied Sciences, Germany
Christer Carlsson, Professor, Åbo Akademi University, Turku, Finland
Christian Kittl, Managing Director, evolaris next level GmbH, Graz, Austria
Peter Hermann, Professor, NTNU Trondheim, Norway
Doug Vogel, Professor, Harbin Institute of Technology, Harbin, P. R. of China
Nilmini Wickramasinghe, Professor, Epworth Healthcare & Deakin University, Melbourne, Australia

Monday, June 20, 2016 –14:00 – 15:30 Libertas Hall

SMEs Practices and Challenges in Business Model Innovation – ENVISION Project Workshop
Co-Chairs:

Harry Bouwman, Professor, TU Delft, The Netherlands
Andreja Pucihar, Associate Professor, University of Maribor, Slovenia

Participants:

Hans-Dieter Zimmermann, Professor, FHS St. Galllen, Switzerland
Marikka Heikkilä, Senior Researcher Fellow, University of Turku, Turku School of Economic, Finland
Mirjana Kljajić Borštnar, University of Maribor, Slovenia
Gregor Lenart, University of Maribor, Slovenia
Marjeta Marolt, University of Maribor, Slovenia

Representatives of SMEs –to be announced

Monday, June 20, 2016 –14:00 – 15:30 Concordia Hall

General Research Track II
Chair: to be announced

Presenters:

An Empirical Assessment of Researcher Perspectives
Roger Clarke

Extending the Technology Acceptance Model with Personal Innovativeness and Technology Readiness: A Comparison of Three Models
Kerttuli Koivisto, Markus Makkonen, Lauri Frank and Janne Riekkinen

The Fuzzy Front-End of Digital Transformation: Three Perspectives on the Formulation of Organizational Change Strategies
Sabine Berghaus

Monday, June 20, 2016 –16:00 – 17:30 Jupiter Hall I

eHealth I- Research Track
Co-Chairs:

Nilmini Wickramasinghe
Juergen Seitz

Presenters:

Overcoming the interruptible nature of allergy treatment through applying knowledge management principles: A Trip from raw knowledge to transferable wisdom
Peter Haddad and Nilmini Wickramasinghe

An Investigation on Integrating Eastern and Western Medicine with Informatics
Catherine Han Lin, Angela Wei Hong Yang, David Phillips and Nilmini Wickramasinghe

Using Machine Learning To Address Data Accuracy And Information Integrity In Digital Health Delivery
Zaid Zekiria Sako, Vass Karpathiou, Sasan Adibi and Nilmini Wickramasinghe

Monday, June 20, 2016 –16:00 – 17:30 Libertas Hall

Business Models I – Research Track
Chair: to be announced

Presenters:

Business Model Innovation in European SMEs: some preliminary findings
Harry Bouwman, Francisco-Jose Molina-Castillo and Mark de Reuver

What drives SMEs to Innovate their Business Models? A Multiple Case Study of Slovenia
Marjeta Marolt, Andreja Pucihar, Mirjana Kljajić Borštnar, Gregor Lenart and Damjan Maletič

Running While Standing Still: Rethinking ICT Business Model Decisions for the New Cloud Economy
Trevor Clohessy, Thomas Acton and Lorraine Morgan

Social Media and Big Data I – Research Track
Chair:

Hans-Dieter Zimmermann, Professor, FHS St. Galllen, Switzerland

Presenters:

Instagram's 'Fitspiration' Trend and Its Effect on Young Women's Self-Esteem
Dee Goldstraw and Brendan Keegan

The Antecedents of Consumer-Generated Media Adoption for Travel Planning: A Literature Review
Dandison Ukpabi and Heikki Karjaluoto

Business Challenges of News Media Companies on Digital Platforms
Noora Pinjamaa and Aleksandre Asatiani

Tuesday, June 21, 2016

Tuesday, June 21, 2016 –9:00 – 10:30 Jupiter I Hall

Plenary Session:
Chair: Johan Versendaal

Keynote speech:
Building a global internet of things data network
Wienke Giezeman, Initiator of The Things Network, The Netherlands

Tuesday, June 21, 2016 –9:00 – 10:30 and 11:00 – 12:30 Flora & Venera Hall

UPSIDE Project Workshop:
High Capacity Digital Societies – Make it happen!

Tuesday, June 22, 2016 –11:00 – 12:30 Jupiter I Hall

Digital Education – Research Track
Chair:
Mirjana Kljajić Borštnar, Professor
Faculty of Organizational Sciences, University of Maribor, Slovenia

Presenters:

Teaching Software Engineering in the Cloud
Markus Gruene

Mapping the European e-Competence Framework on the domain of Information Technology: a comparative study
Henk Plessius and Pascal Ravesteyn

Exploring Design Principles for Technology-Enhanced Workplace Learning - RIP paper
Esther van der Stappen and Ilya Zitter

Factors influencing the Information Literacy of Students: Preliminary Analysis - RIP paper Alenka Baggia, Anja Žnidaršič, Mirjana Kljajić Borštnar, Andreja Pucihar, Danica Dolničar, Andrej Šorgo, Tomaž Bartol, Blaž Rodič and Bojana Boh Podgornik

Tuesday, June 21, 2016 –11:00 – 12:30 Libertas Hall

Social Media and Big Data II – Research Track
Chair:
Hans-Dieter Zimmermann, Professor, FHS St. Galllen, Switzerland

Presenters:

Social Media Analytics in Social CRM – Towards a Research Agenda
Matthias Wittwer, Olaf Reinhold and Rainer Alt

On Firehoses, Windows, and Business Rules: Towards a Successful Fast Data Organisation
Chris L.V. Bartels and Marijn G.A. Plomp

The Role of Social Media for Stakeholder Involvement: A Literature Review
Barbara Krumay and Sylvia Geyer

Tuesday, June 21, 2016 –11:00 – 12:30 Concordia Hall

eHealth II – Research Track
Co-Chairs:

Nilmini Wickramasinghe
Juergen Seitz

Presenters:

Standardisation of Supporting Processes in Healthcare: A case study of the APQC Healthcare Process Classification Framework
Teun Mantje, Tom Smit, David Sterk and Joris Mens

Intensive Lifestyle (e)Support to Reverse Diabetes-2
Luuk Simons, Hanno Pijl, John Verhoef, Hildo Lamb, Ben van Ommen, Bas Gerritsen, Maurice Bizino, Marieke Snel, Ralph Feenstra and Catholijn Jonker

Healthy lottery. A design theory for a mobile system to increase compliance of individuals with diabetes
Riccardo Bonazzi and Katherine Blondon

Tuesday, June 21, 2016 –14:00 – 15:30 Jupiter I Hall

General Research Track III
Chair: to be announced

Presenters:

Data Portability and Online Platforms - The Effects on Competition
Barbara Engels

A Framework for Traceability of Legal Requirements in the Dutch Governmental Context
Koen Smit, Martijn Zoet and Matthijs Berkhout

Towards a Model of Heterogeneity in IT Service Value Networks: Results from a Literature Review
Robert Heininger, Loina Prifti, Markus Böhm and Helmut Krcmar

Tuesday, June 21, 2016 –14:00 – 15:30 and 16:00 – 17:30 Libertas Hall

UPSIDE Project Conference:
High Capacity Digital Societies – Make it happen!

Tuesday, June 21, 2016 –14:00 – 15:30 Concordia Hall

E-Health Solutions: Big Data in Healthcare - Panel
Chair:

Nilmini Wickramasinghe, Professor, Epworth Healthcare & Deakin University, Melbourne, Australia

Panelists:

Isabella Eigner, FAU Erlangen-Nuremberg, Germany

Jonathan Schaffer, Doctor, Cleveland Clinic, Cleveland, United States

Juergen Seitz, Professor, DHBW Heidenheim, Germany

Johan Versendaal, Professor, University of Applied Sciences, Utrecht, The Netherlands

Doug Vogel, Professor, Harbin Institute of Technology, Harbin, P. R. of China

Tuesday, June 21, 2016 –14:00 – 15:30 Flora Hall

Social Media and Big Data III – Research Track
Chair:

Hans-Dieter Zimmermann, Professor, FHS St. Galllen, Switzerland

Presenters:

Do Gender and Personality Traits Influence Frequency of Use of Deal Sites?
Frantisek Sudzina

Online Romance Scam: Expensive e-Living for romantic happiness
Christian Kopp, Jim Sillitoe, Iqbal Gondal and Robert Layton

Youth e-participation: Lessons Learned from an Ongoing Project in Switzerland - RIP paper
Hans-Dieter Zimmermann, Professor, FHS St. Galllen, Switzerland

Students Bazaar - The Rene W. Wagenaar Student Bazaar

Co-chairs:

Pascal Ravesteijn, Professor, University of Applied Sciences Utrecht, Netherlands

Ronald Batenburg, Professor, NIVEL & Utrecht University, The Netherlands

Presenters:

A Ubiquitous Day: Raspberry Pi Based Ubiquitous Network Supporting Daily Life

Kai Kuckein, Alexander Klemm

Supervisors:

Juergen Seitz, Baden-Wuierttembertg Cooperative State Univesity Heidenheim, Germany

Andreas Buchenscheit, Ulm Univesity of Applied Science, Germany

Synappse: Imagine. Connect. Be.

Alex Araque Diaz, Govinda Ruiz, University of Applied Sciences Utrecht, The Netherlands

iWasted: Making Food Management Easy

Jerremy de Jongh, Ruan Kok

Smart Outlet Concept: Eco-frioendly Internet of Things Solution

Aljaž Toman, Aljoša Lindič, Žan Hudovernik

Supervisors: Borut Werber, Uroš Rajkovič

Faculty of Organizational Sciences, University of Maribor, Slovenia

Truck Attack

Simon Cvetek

Supervisor: Bransilav Šmitek

Faculty of Organizational Sciences, University of Maribor, Slovenia

DocIn: Digital Organization Check In

Bart Nieuwenhuijs, Yanniek SIeben, Daniel VIsser, Luuk Bolander, Maarten van Golen, Floris van Golen

HU University of Applied Sciences, Utrecht, The Netherlands

Career Blocks

Aljaž Ferencek, Blaž Sašek, Špela Strojin, Žiga Cibic

Faculty of Organizational Sciences, University of Maribor, Slovenia

Tuesday, June 21, 2016 –16:00 – 17:30 Concordia Hall

Digital Wellness Services for Young Elderly – Panel

Chair:

Christer Carlsson, Professor, Åbo Akademi University, Turku, Finland

Panelists:

Sustaining Behavioural Change for Wellness Routines

Doug Vogel, Professor, Harbin Institute of Technology, Harbin, P. R. of China

Business Models and Applications for Wellness Services

Marikka Heikkilä, Senior Researcher Fellow, University of Turku, Turku School of Economic, Finland

Business Modelling in Interaction with Technical Artefact Development

Harry Bouwman, Professor, TU Delft, The Netherlands

Wednesday, June 21, 2016 –9:00 – 10:30 Venera Hall

Factory of the Future: Research Track

Chair:

Christian Kittl

Presenters:

Towards Understanding closed-loop PLM: The Role of Product Usage Data for Product Development enabled by Intelligent Properties

Manuel Holler, Falk Uebernickel and Walter Brenner

Service-based Planning and Control of Cyber-Physical Production Systems

Christoph Berger, Joachim Berlak and Gunther Reinhart

Forecasting terminal call rate with machine learning methods

Davorin Kofjač, Amira Mujanović, Andrej Škraba and Aleš Brglez

Wednesday, June 21, 2016 –9:00 – 10:30 Flora Hall

eWellness – Research Track
Chair:
Christer Carlsson

Perceived Well-being Effects During the Implementation of a Self-tracking Technology
Tuomas Kari, Sanna Koivunen, Lauri Frank, Markus Makkonen and Panu Moilanen

To Gamify or Not to Gamify? Gamification in Exercise Applications and Its Role in Impacting Exercise Motivation
Tuomas Kari, Jenni Piippo, Lauri Frank, Markus Makkonen and Panu Moilanen

Interventions to Form Wellness Routines Among Young Elderly
Christer Carlsson and Joanna Carlsson

Wednesday, June 21, 2016 –9:00 – 17:30 Concordia Hall
BEWISER Project Conference: Clusters and Cybersecurity – Be Wiser outlines Europe's Cybersecurity Challenges

Wednesday, June 21, 2016 –10:30 – 12:30 Venera Hall

Business Models II – Research Track
Chair: to be announced

Presenters:

Designing an ICT tooling platform to support SME business model innovation: Results of a first design cycle
Mark De Reuver, Timber Haaker, Angelika Riedl, Melissa Roelfsema and Alexia Athanasopoulou

Business Model Innovation Paths and Tools
Marikka Heikkilä, Harry Bouwmann, Jukka Heikkilä, Timber Haaker, Carolina Lopez and Angelika Riedl

The disruptive impact of digitalization and platformitization on the automotive ecosystem: State of the Art and a Research Agenda – Research in Progress
Harry Bouwman, Mark De Reuver, Fetemeh Nikayin and Alexia Athanasopoulou

Wednesday, June 21, 2016 –10:30 – 12:30 Flora Hall

eWellness & eHealth – Research Track

Chair: to be announced

Presenters:

Using the Delphi Method to Identify Hospital-Specific Business Process Management Capabilities in The Netherlands
Joris Mens and Pascal Ravesteyn

A Comparative Analysis of the Australian and German eHealth System
Isabella Eigner, Andreas Hamper, Nilmini Wickramasinghe and Freimut Bodendorf

Effects of Using Standing Versus Sitting Workstations on the Well--Being at Work of Software Professionals
Markus Makkonen, Minna Silvennoinen, Tuula Nousiainen, Arto Pesola and Mikko Vesisenaho

Adoption and Adoption Interests of Self-Tracking Technologies: Single and Multiple Technology Perspectives
Markus Makkonen, Tuomas Kari, Lauri Frank and Panu Moilanen

Wednesday, June 21, 2016 –14:00 – 15:30 Flora Hall

Doctoral Consortium - How to Prepare your Thesis - Workshop

Co-chairs:
Doug Vogel, Professor, Harbin Institute of Technology, China
Roger Bons, Professor, FOM Hochschule für Oekonomie & Management, Germany
Alan R. Hevner, Professor and Eminent Scholar
Information Systems and Decision Sciences, Muma College of Business, University of South Florida, United States

Doctoral Consortium: Presentations of the Theses – Interactive Session

Co-chairs:

Doug Vogel, Professor, Harbin Institute of Technology, China

Roger Bons, Professor, FOM Hochschule für Oekonomie & Management, Germany

Presenters:

Predictive Analytics for Risk and Cost Management of Standardized Treatment Processes in Hospitals

Isabella Eigner, Institute of Information Systems, FAU Erlangen-Nuremberg, Germany

Social Media for Development: Research design to investigate Dutch international development NGOs

Anand Sheombar

Manchester Metropolitan University Business School, UK & Utrecht University of Applied Sciences, The Netherlands

Learning Analytics From a Resource-Based View Perspective: Towards a Learning Analytics Capability Model

Justian H. Knobbout, HU University of Applied Sciences Utrecht, the Netherlands