

Monday, June 18, 2018

	9:00 – 10:30	11:00 – 12:30	14:00 – 15:30	16:00 – 17:30
Jupiter Hall	Opening Plenary Session	eHealth I Panel: Building (Long Term) eRelationships for Health	eHealth II Panel	eHealth III Panel
Concordia Hall		Business Models I Research Track	Business Models II Research Track	Students Bazaar
Libertas Hall		Digital Transformation I Research Track	Digital Transformation II Research Track	

Tuesday, June 19, 2018

	9:00 – 10:30	11:00 – 12:30	14:00 – 15:30	16:00 – 17:30
Jupiter Hall	Big Data/Data Science I Research Track	Big Data/Data Science II Research Track	Digital Innovation Hubs Panel	Watify Panel
Concordia Hall	eHealth I Research Track	Education in the Digital Economy Research Track	Business Models III and Decision Support Systems & Business Intelligence Research Track	eHealth II Research Track
Libertas Hall		Digital Wellness Services Workshop	Tourism 4.0 I Panel	Tourism 4.0 II Panel

Wednesday, June 20, 2018

	9:00 – 10:30	11:00 – 12:30	14:00 – 15:30	16:00 – 17:30
Jupiter Hall	eHealth III and Digital Wellness I Research Track	Digital Wellness II Research Track		
Concordia Hall	Digital Transformation III Research Track	Blockchain and Social Media Research Track		
Libertas Hall	PhD Consortium			

Monday, June 18, 2018

Monday, June 18, 2018 – 9:00 – 10:30 Jupiter Hall

Opening Plenary Session

Bled eConference Chair:

Andreja Pucihar, Associate Professor
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:

Iztok Podbregar, Professor & Dean, Faculty of Organizational Sciences, University of Maribor, Slovenia

Keynote Speakers:

Transition to a Sustainable Economy – The Critical Role of Digital Transformation

dr. Janez Potočnik, Co-Chair of UN Environment International Resource Panel, Chairman of The Forum for the Future of Agriculture and RISE Foundation, Member of the European Policy Centre's Advisory Council and Partner in SYSTEMIQ

Digital transformation and BMs: what is new?

dr. Harry Bouwman, Professor, Åbo Akademi University, Turku Finland and Delft University of Technology, Delft, The Netherlands

Monday, June 18, 2018 – 11:00 – 12:30 Jupiter Hall

eHealth I: Building (Long Term) eRelationships for Health – Panel

Chair:

Luuk Simons, Delft University of Technology, Netherlands

Presenters:

Social Media Usage Differences Between the Healthy and the Chronically Ill

Doug Vogel, Harbin Institute of Technology, China

Nudging and Social Marketing for eHealth

Helen Cripps, Edith Cowan University, Australia

Comparing Social Child-Robot Bonds With Group Bonding: 2 cases

Luuk Simons, Delft University of Technology, Netherlands

The GSD (Guided Self Determination) Method

Nilmini Wickramasinghe, Deakin University, Australia

Human Spime
Pasi Hurri, BaseN, Finland

Monday, June 18, 2018 – 11:00 – 12:30 Concordia Hall

Business Models I – Research Track

Chair:

Andreja Pucihar, University of Maribor, Slovenia

Presenters:

SMEs perspective on business model innovation

Marjeta Marolt, Gregor Lenart, Mirjana Kljajić Borštnar, Doroteja Vidmar and Andreja Pucihar,
University of Maribor, Slovenia

Comparative Study of Sharing Economy Business Models in Accommodation Sector

Rimantas Gatautis, Eglė Vaičiukynaitė and Elena Vitkauskaitė, Kaunas University of Technology,
Lithuania

Business Model Innovation and Firm Performance: The Role of Mediation and Moderation Factors

Mohammad-Ali Latifi and Harry Bouwman, Delft University of Technology, Netherlands

Monday, June 18, 2018 – 11:00 – 12:30 Libertas Hall

Digital Transformation I – Research Track

Presenters:

Citizen Adoption of e-Government Services – Evidence from Hungary

Marta Aranyossy, Corvinus University of Budapest, Hungary

Perceived Intrusiveness of Personalized Marketing

Katri Kerem and Monika Ulla, Estonian Business School, Estonia

Digital Transformation in Retail: Can Customer Value Services Enhance the Experience?

Michael Meyer, Patrick Helmholtz and Susanne Robra-Bissantz, Technische Universität
Braunschweig, Germany

Monday, June 18, 2018 – 14:00 – 15:30 Jupiter Hall

eHealth II – Panel

Monday, June 18, 2018 – 14:00 – 15:30 Concordia Hall

Business Models II – Research Track

Chair:

Gregor Lenart, University of Maribor, Slovenia

Presenters:

Business Model Innovation in European SMEs - Descriptive analysis of quantitative survey and case survey data

Marikka Heikkilä, University of Turku, Finland

Harry Bouwman, Delft University of Technology, Netherlands

Survive Disruption: Business Model Innovation and Strategic Continuity Management?

Jukka Heikkilä, University of Turku, Finland

Marko Niemimaa, University of Jyväskylä, Finland

Jonna Järveläinen and Marikka Heikkilä, University of Turku, Finland

Boosting Innovation for the Development of Smart Service Factories of the Future: the Cases of the Federal State of Vorarlberg and its Neighbouring Regions

Florian Maurer, Vorarlberg University of Applied Sciences, Austria

Albrecht Fritzsche, Friedrich-Alexander University Erlangen-Nuremberg, Germany

Monday, June 18, 2018 – 14:00 – 15:30 Libertas Hall

Digital Transformation II – Research Track

Chair:

Pascal Ravesteijn, University of Applied Sciences Utrecht, Netherlands

Presenters:

Determining the Required Capacity of Business Information Management: Towards a Concise Instrument

Frank Van Outvorst, The Lifecycle Company / ASL BiSL Foundation, Netherlands

Sjoerd Walenbergh, Mart Meijnen, Pascal Timens and Benny M.E. De Waal, HU University of Applied Sciences Utrecht, Netherlands

Integrating Maritime National Single Window with Port Community System

Edvard Tijan, Mladen Jardas, University of Rijeka, Faculty of Maritime Studies, Croatia

Saša Aksentijević, Aksentijević Forensics and Consulting Ltd, Croatia

Ana Perić Hadžić, University of Rijeka, Faculty of Maritime Studies, Croatia

The Role of Competition in the Adoption of Mobile Payment among Merchants

Francesco Pisani and Jürgen Moormann, Frankfurt School of Finance & Management, Germany

Monday, June 18, 2018 – 16:00 – 17:30 Jupiter Hall

eHealth III – Panel

Monday, June 18, 2018 – 16:00 – 17:30 Concordia Hall

Students Bazaar

Co-chairs:

Johan Versendaal, HU University of Applied Sciences Utrecht and Open University of the Netherlands, Netherlands

Pascal Ravesteijn, University of Applied Sciences Utrecht, Netherlands

Marijn Plomp, Vrije Universiteit Amsterdam, Netherlands

Presentation jury:

Urban Schrott, ESET, Ireland

Roger Bons, FOM Hochschule, Germany

Presenters:

S1REN

Diederik Schouten, Remco De Jong, Fabiënne Oskam and Koen Broers, Hogeschool Utrecht, Netherlands

Meddy

Boris Zandstra, Sam Bosch and Dennis Dolman, Hogeschool Utrecht, Netherlands

FestiTrace

Rico Janssen, HU University of Applied Sciences Utrecht, Netherlands

Sensordash - A platform for collecting and visualizing sensor data in the IoT

Andreas Hettenkofer, Philipp Gumann, Andreas Pabst, Felix Haag and Daniel Mögel, DHBW Heidenheim, Germany

SEÆ - the intelligent meteorological measuring station for waters

Simon Zöbl, Daniel Eberhardt, Jonas Mauthner, Udo Köpf and Steffen Schiele, DHBW Heidenheim, Germany

Tuesday, June 19, 2018

Tuesday, June 19, 2018 – 9:00 – 10:30 Jupiter Hall

Big Data/Data Science I – Research Track

Co-chairs:

Guido Ongena, HU University of Applied Sciences Utrecht, Netherlands

Sanda Martinčić Ipšić, University of Rijeka, Croatia

Presenters:

How to start with big data - a multiple case study

Christian Bremser, Gunther Piller and Franz Rothlauf, University of Applied Sciences Mainz, Germany

Convolutional Neural Network Deep-Learning Models for Prediction of Shared Bicycle Demand

J. Christopher Westland, University of Illinois – Chicago, Illinois

Jian Mou, Xidian University, China

Dafei Yin, Mobike Technology, China

Uncovering the digital “x” phenomena in the IS field: A text mining approach

Joaquin Rodriguez and Gabriele Piccoli, Louisiana State University, Louisiana

Tuesday, June 19, 2018 – 9:00 – 10:30 Concordia Hall

eHealth I – Research Track

Co-chairs:

Nilmini Wickramasinghe, Epworth HealthCare and Deakin University, Australia

Juergen Seitz, Baden-Wuerttemberg Cooperative State University, Germany

Presenters:

Transforming operating rooms: factors for successful implementations of new medical equipment

Navin Sewberath Misser, HU University of Applied Sciences, Netherlands

Joris Jaspers and Bas Van Zaane, UMC Utrecht, Netherlands

Hein Gooszen, Radboud UMC, Netherlands

Johan Versendaal, HU University of Applied Sciences, Netherlands

Examining the Point of Care System Implementation and Adoption: a FVM Perspective

Imran Muhammad, Deakin University, Australia

Nilmini Wickramasinghe, Epworth HealthCare & Deakin University, Australia

ICT support healthcare for elderly in China: A systematic mapping study

Zihao Liu and Raija Halonen, University of Oulu, Finland

Tuesday, June 19, 2018 – 11:00 – 12:30 Jupiter Hall

Big Data/Data Science II – Research Track

Co-chairs:

Guido Ongena, HU University of Applied Sciences Utrecht, Netherlands

Sanda Martinčić Ipšić, University of Rijeka, Croatia

Presenters:

Towards Responsible Data Analytics: A Process Approach

Roger Clarke, Xamax Consultancy Pty Ltd, Australia

Kerry Taylor, Australian National University, Australia

Business Customer Experience alignment framework: improving customer satisfaction

Felix Gras, KPN, Netherlands

Pascal Ravesteijn, Marlies van Steenbergen and Roland Bijvank, HU University of Applied Sciences, Netherlands

Identifying the Sales Patterns of Online Stores with Time Series Clustering

Markus Makkonen and Lauri Frank, University of Jyväskylä, Finland

Tuesday, June 19, 2018 – 11:00 – 12:30 Concordia Hall

Education in the Digital Economy – Research Track

Co-chairs:

Mirjana Kljajić Borštnar, University of Maribor, Slovenia

Matt Glowatz, University College Dublin, Ireland

Presenters:

Studying Complex IT Challenges? Discuss Cases

Janis Gogan and David Murungi, Bentley University, Massachusetts

Developing an E-learning Course on Serious Games: A Multidisciplinary Approach

Tanja Korhonen and Teija Ravelin, Kajaani University of Applied Sciences, Finland

Raija Halonen, University of Oulu, Finland

Learning Success: A Comparative Analysis of a Digital Game-Based Approach and a Face-to-Face Approach

Linda Eckardt and Susanne Robra-Bissantz, Technische Universität Braunschweig, Germany

Tuesday, June 19, 2018 – 11:00 – 12:30 Libertas Hall

Digital Wellness Services Workshop

Moderator:

Christer Carlsson, Institute for Advanced Management Systems Research, Turku, Finland

Introduction:

Douglas R. Vogel, Harbin Institute of Technology, Harbin, P.R. China on sustainability of routines and digital services

Introduction:

Lauri Frank, University of Jyväskylä, Jyväskylä, Finland, on digital coaching

Introduction:

Representative of Ericsson Inc., Croatia on introducing digital health services for a country: business models and ecosystems

Tuesday, June 19, 2018 – 14:00 – 15:30 Jupiter Hall

Digital Innovation Hubs – Panel

Tuesday, June 19, 2018 – 14:00 – 15:30 Concordia Hall

Business Models III, Decision Support Systems & Business Intelligence – Research Track

Presenters:

Improving Smart City Design: A Conceptual Model for Governing Complex Smart City Ecosystems
Mervi Hämäläinen and Pasi Tyrväinen, University of Jyväskylä, Finland

Designing business model tooling for business model exploration: An experimental design for evaluation

Alexia Athanasopoulou and Mark De Reuver, Delft University of Technology, Netherlands

An Explorative Study Into Situational Artefact Construction in Business Rules Management

Sam Leewis and Koen Smit, HU University of Applied Sciences, Netherlands

Martijn Zoet, Zuyd University of Applied Sciences, Netherlands

Tuesday, June 19, 2018 – 14:00 – 15:30 Libertas Hall

Tourism 4.0 I – Panel

Tuesday, June 19, 2018 – 16:00 – 17:30 Jupiter Hall

Watify – Panel

Chair:

Lydia Montandon, Research & Innovation Business Development Director, Atos, Spain

Presenters:

Christian Kittl, evolaris next level, Austria

Janez Povh – assistant professor, University of Ljubljana, Faculty of Mechanical Engineering, Slovenia

Harry Bouwman, Professor, Åbo Akademi University, Turku Finland and Delft University of Technology, Netherlands

Tuesday, June 19, 2018 – 16:00 – 17:30 Concordia Hall

eHealth II – Research Track

Co-chairs:

Nilmini Wickramasinghe, Epworth HealthCare and Deakin University, Australia

Juergen Seitz, Baden-Wuerttemberg Cooperative State University, Germany

Presenters:

eHealth WhatsApp Group for Social Support; Preliminary Results

Luuk Simons, Delft University, Netherlands

Wouter van den Heuvel, Health Coach Program, Netherlands

Catholijn Jonker, Delft University, Netherlands

Critical success factors in the design of suitable oncology platforms

Muhammad Nadeem Shuakat and Nilmini Wickramasinghe, Epworth HealthCare and Deakin University, Australia

Willingness to Use Smartphone Application Assistant to Support Migraine Treatment

Hanna-Leena Huttunen and Raija Halonen, University of Oulu, Finland

Tuesday, June 19, 2018 – 16:00 – 17:30 Libertas Hall

Tourism 4.0 II – Panel

Wednesday, June 20, 2018

Wednesday, June 20, 2018 – 9:00 – 10:30 Jupiter Hall

eHealth III & Digital Wellness I – Research Track

Co-chairs:

Nilmini Wickramasinghe, Epworth HealthCare and Deakin University, Australia

Juergen Seitz, Baden-Wuerttemberg Cooperative State University, Germany

Christer Carlsson, Åbo Akademi University, Finland

Presenters:

Digital Transformation in Healthcare – the case of a Chinese Medicine Inquiring System

Catherine Han Lin, David Phillips and Nilmini Wickramasinghe, Deakin University, Australia

How a flexible collaboration infrastructure impacts healthcare information exchange

Rogier Van de Wetering and Johan Versendaal, Open University, Netherlands

Influence of Digital Coaching on Physical Activity: Motivation and Behaviour of Physically Inactive Individuals

Tuomas Kari and Petriina Rinne, University of Jyväskylä, Finland

Digital Wellness Services' Servicescape for Young Elderly

Hans Allmér, Linnaeus University, Sweden

Wednesday, June 20, 2018 – 9:00 – 10:30 Concordia Hall

Digital Transformation III– Research Track

Chair:

Pascal Ravesteijn, University of Applied Sciences, Netherlands

Presenters:

Motives to Form Alliances for Digital Innovation: The Case of Banks and Fintechs

Friedrich Holotiuk, Frankfurt School of Finance & Management, Germany

Milan Frederik Klus and Todor Stefan Lohwasser, University of Münster, Germany

Jürgen Moormann, Frankfurt School of Finance & Management, Germany

A case for participatory practices in the digital transformation of insurance

Michael Persson and Casandra Grundstrom, University of Oulu, Finland

Adaptation of enterprise architecture efforts to an agile environment

Robin Duijs, Pascal Ravesteijn and Marlies van Steenberg, HU University of Applied Sciences, Netherlands

Wednesday, June 20, 2018 – 11:00 – 12:30 Jupiter Hall

Digital Wellness II – Research Track

Chair:

Christer Carlsson, Åbo Akademi University, Finland

Presenters:

Digital Wellness Services: Key to Better Quality of Life for Young Elderly

Christer Carlsson and Pirkko Walden, IAMSR/Abo Akademi University, Finland

Can Sport and Wellness Technology be My Personal Trainer? – Teenagers and Digital Coaching

Eeva Kettunen and Tuomas Kari, University of Jyväskylä, Finland

Co-creation Model to Design Wearables for Emotional Wellness of Elderly

Muhammad Usman Warraich, Irum Rauf and Anna Sell, Åbo Akademi University, Finland

Wednesday, June 20, 2018 – 11:00 – 12:30 Concordia Hall

Blockchain & Social Media – Research Track

Co-chairs:

Hans-Dieter Zimmermann, FHS St. Gallen, Switzerland

Helen Cripps, Edith Cowan University, Australia

Presenters:

Blockchain-based Smart Contracts in Waste Management: A Silver Bullet?

Guido Ongena, Koen Smit, Gerben Adams, Jarno Bokseveld, Yorin Roelofs and Pascal Ravesteijn, HU University of Applied Sciences, Netherlands

Most Suitable Characteristic of Push Notifications for Social Media Apps

Emma Fahlman and Thomas Mejtoft, Umeå University, Sweden

Helen Cripps, Edith Cowan University, Australia

Factors influencing social commerce adoption in Mexico: An empirical research

Celestino Robles-Estrada, Diana I. De La Torre-Enriquez and Alberto A. Suastegui-Ochoa, University of Guadalajara, Mexico

Wednesday, June 20, 2018 – 9:00 – 12:30 Libertas Hall

PhD Consortium

Co-chairs:

Doug Vogel, Harbin Institute of Technology, China

Roger Bons, Professor, FOM Hochschule, Germany

Presenters:

What do we Know about Personality Traits, Technology Use, Intention, Reputation and Brand Credibility? Cross Cultural Issues in the Aviation Industry's User-Generated Content (UGC)

Ukamaka Onyenucheya, University of Plymouth, United Kingdom

A model for smart technology adaptation in the case of urban infrastructure development with the purpose of improving the quality of citizens' well-being

Vasja Roblek, Faculty of Organizational Studies in Novo mesto, Slovenia

Managing Complexity of Digital Transformation with Enterprise Architecture

Fabian Gampfer, FOM University, Germany

Energy security as an indicator of the efficiency of strategic energy management in the European Union

Bojana Vasic, University of Maribor, Slovenia

Obtaining and Evaluating Digital Competences of Slovenian General Gymnasium Students

Srečko Zakrajšek, University of Maribor, Slovenia

Technology Enabled Sustainable Business Model Innovation

Doroteja Vidmar, University of Maribor

Literature Review on Root Cause Analysis

Jaka Toman, University of Maribor

Designing an Adaptive and Sustainable ITG model for SMEs

Aleš Levstek, University of Maribor