

Preliminary Timeschedule for CERC 2017, 22nd of September 2017 - hosted by HS-Karlsruhe

<http://www.cerc-conference.eu>

Conference fee for authors: 150.-€ for guests: 75.-€ - please register online using the CMS

Time	Room1	Room2	Room3	Room4
8:30 -9:15	Registration			
9:15-9:35	Welcome			
9:35-9:55	Keynote: Prof. Dr. Matthias Hemmje, University of Hagen - Sensor Enabled Affective Computing for Enhancing Medical Care			
Time Session	Room1	Room2	Room3	Room 4
	Computer Science Chair: Udo Bleimann	Bio/Med. Informatics Chair: Paul Walsh	Security Chair: Steven Furnell	Special Track: Traffic and Transportation Chair: Christoph Hupfer, Jeff Casello
10:00-10:20	Munir Salman, Jana Becker, Michael Fuchs, Dominic Heutelbeck, Matthias Hemmje - <i>Social Network-Based Knowledge, Content, and Software Asset Management Supporting Collaborative and Co-Creative Innovation</i>	Sadrick Widmann, Shirley Atkinson, Ingo Stengel, Nathan Clarke, Stefanie Regier - <i>Quantified Self in the healthcare: State of the art and impact on the health insurance</i>	Sandra Dominique Ringmann, Hanno Langweg - <i>Elicitation of security requirements for migration of OCR software to the cloud</i>	Slobodan Gutesa, Joyoung Lee, Dejan Besenski, Lazar Spasovic - <i>A Vehicular Trajectory Driven Method for Signalized Corridor Control under Connected Vehicles Environment</i>
10:20-10:40	Ulrich Beez, Jürgen Bock, Tilman Deuschel, Bernhard G. Humm, Lukas Kaupp - <i>Context-Aware Documentation in the Smart Factory</i>	J. Manning, C. Palu, B. Lawlor, M. MacAogáin, B. Kelly, P. Walsh - <i>Comparative Analysis of Mycobacterium tuberculosis Genome</i>	Benjamin George Sanders - <i>Understanding Opportunities and Risks in Online Gaming Environments</i>	Nicolas Mellinger - <i>SAFE – Safety by Assistance Systems for Electric Bicycles</i>

	Room1	Room2	Room3	Room4
10:40-11:00	Thomas Bettermann, Thomas Schlegel - <i>User centric web usage mining as a tool for Social Sciences</i>	Matthias Coym, Bernhard G. Humm, Patrick Spitzer Paul Walsh - <i>A Dynamic Product Line for an Electronic Health Record Management System for Cancer Care</i>	Ayhan Soner Koca - <i>IT Security Policy Enforcement in IoT Gateways</i>	Tim Reuber - <i>Towards Automated Driving: Development of an Unmanned Driving Vehicle for Road Maintenance</i>
11:00-11:20	Donagh Moynihan, and Samane Abdi - <i>Cloud Interoperability: An Analysis on Existing Approaches and Challenges</i>	Fatih Sahin, Rafael Accorsi, Monika Frey-Luxemburger, Martin Knahl, Shirley Atkinson - <i>A Process mining framework to simulate and predict patient pathways and health related costs based on medical claim data</i>	Felix Schuckert - <i>Insecurity Refactoring As a Novel Method to Improve Manual Code Inspection Skills</i>	J. Wachsmann, C. Holldorb, J. Schappacher - <i>Development of a concept of need-based de-icing salt storage capacities and the implementation in a dimensioning guideline</i>
11:20-11:40	Marius Krämer, Patrick Wiener, Jens Nimis, Andreas Abecker - <i>From Monolithic To Modern Software Development - an approach to migrate and scale legacy applications using containers, microservices and Cloud Computing</i>	Bernhard G Humm, Tino Landmann, Fabian A Lamba, Marc Thomas Steffens, Paul Walsh - <i>Evidence-Based Medical Recommendations for Personalized Medicine</i>	J. Single, J. Schmidt, J. Denecke - <i>Expert System for Risk Analysis of Technical Systems</i>	Discussion: The challenge of automated and assisted driving
11:40-12:00	Coffeebreak			

	Room1	Room2	Room3	Room4
<i>Session</i>	Computer Science Chair: Reimar Hofmann	Bio/Med. Informatics Chair: Bernhard Humm	Security Chair: Ben Sanders	Special Track: Traffic and Transportation Chair: Jochen Eckart, Mario Delos Reyes
12:00-12:20	Matthias Frank, Stefan Zander - <i>Linked Open Data for Organizational Knowledge Bases Preliminary Work for a Linked Data Wiki</i>	Paul Walsh - <i>MetaPlat – Parallel Distributed Computing for Metagenomics</i>	C. Schalles - <i>On measuring the behaviour of users in the area of security-sensitive platforms</i>	Jeffrey Casello - <i>Assessing the Value of GPS Travel Data for Travel Forecasting Models</i>
12:20-12:40	Harald Frank W. Fuhrmann, B. Ghita - <i>Multi-Access Edge Computing: Managing the Resources of the Edge of the Internet</i>	Suzanne Consiidine, Michael Bennett, Paul Walsh - <i>Breast Cancer Multi-Disciplinary Team Analytics</i>	F.Alotaibi, S.Furnell , I.Stengel, M.Papadaki - <i>Gamifying cyber security awareness via mobile training apps</i>	Mark Anthony M. Gamboa - <i>Dealing with the Rise of Transportation Network Vehicle Service: Rethinking the Regulatory Regime for TNVS Towards Sustainable Urban Mobility</i>
<i>Session</i>			Interdisciplinary Session Chair: Robert Löw	
12:40-13:00	Tom Lutze, Jonas Hansert, Björn Lunt, Thomas Schlegel - <i>Interactive guidance and real-time fault recognition for manual operations through a stationary AR system and visual object detection</i>	K Briand, C. Palu, B. Lawlor, B. Kelly, P. Walsh - <i>Interactive Interface for Statistical Modelling of Gene Expression Data</i>	Lukas Kaupp, Ulrich Beez, Bernhard G. Humm, Jens Hülsmann - <i>From Raw Data to Smart Documentation: Introducing a Semantic Fusion Process for Cyber-Physical Systems</i>	Discussion: New mobility services

	Room1	Room2	Room3	Room4
13:00-13:20	Raphael Hippe, Johannes Dornheim, Samuel Zeitvogel, Astrid Laubenheimer - <i>Evaluation of machine learning algorithms for Smurf Detection</i>	Paul Walsh - <i>Preforming real-time emotion classification using an Intel RealSense camera, multiple facial expression databases and a Support Vector Machine</i>	Kevin Marc Dieter - <i>Experimental Raman spectra of hydrocarbons for temperatures up to 1300 K</i>	C. Hahn, A. Albers, M. Stöckner, M. Niever, B. Walter, R. Kerres, N. Bursac - <i>Innovation Coaching in Foresight Processes for Distributed Product Development</i>
13:20-13:40	Samuel Zeitvogel, Astrid Laubenheimer - <i>3D Human Surface Registration using Subdivision Surfaces</i>	C. Palu, B. Lawlor, B. Kelly, P. Walsh - <i>Challenges and limitations of large-scale molecular biology analysis and visualization tools from the user experience perspective</i>	Orlaith O'Connell, Helen O'Shea, Hugh McGlynn - <i>Marine Bioactives from Saccharina latissima and Gut Health</i>	Elke Häußler- <i>Real-World Laboratory: Promoting Pedestrians</i>
13:40-14:00	Hesam Ossanloo, Bernhard Humm - <i>Cost-Effective Semi-Automatic Ontology Development from Large Domain Terminology</i>	Martin Bohus, Tilman Deuschel, Stephan Gimbel, Nora Görg, Bernhard G. Humm, Martin Schüller, Erdem Turan - <i>Predicting Premature Termination of Treatment in Psychotherapy for Borderline Personality Disorder</i>	J. Biernath, F. Goerlich, J. Denecke, J. Schmidt - <i>Protection of chemical reactors with partial-least-square-modeling (PLS) for safety devices</i>	Discussion: Development and transfer of innovations in the traffic sector
14:00-15:00	Lunch			

	Room1	Room2	Room3	Room4
<i>Session</i>	Learning Chair: Oliver Schneider	Business Chair: Ingo Stengel	Media Chair: Matthias Wölfel	Special Track: Traffic and Transportation
15:00-15:20	Oliver Schneider - <i>Thoughts on Presenting Learning Recommendations in the Context of the Project SensoMot</i>	Markus Fleschutz, Markus Bohlayer, Adrian Bürger, Marco Braun - <i>Electricity Cost Reduction Potential of Industrial Processes using Real Time Pricing in a Production Planning Problem</i>	David Hill and Matthias Wölfel - <i>Acoustic Reading Experience: Aligning Sound Events to Text Using Gaze Tracking to Improve Immersion in Reading</i>	Discussion: The role of applied informatics in traffic and transportation research
15:20-15:40	Peter A. Henning, Jacqueline Henning, Kordula Manegold, Kevin Fuchs - <i>Mobile Learning in Nature: A digital field guide to plants</i>	Markus Bohlayer, Markus Fleschutz, Adrian Buerger, Marco Braun - <i>Multi-objective optimization of waste heat driven heating supply system using Mixed-Integer-Programming</i>	Jorge Medina Victoria - <i>Sensory Modalities Influence on Musicians' Latency Measurements</i>	Discussion: The role of applied informatics in traffic and transportation research
15:40-16:00	J. Schuhmacher, M. Kaiser - <i>Machine Learning for User Learning: Supporting Users in Different Stages of Expertise</i>	Holly Barry, Rose Leahy, Pio Fenton - <i>An Exploration of Experiential Marketing in the Fast Moving Consumer Goods Industry</i>	Andreas Sieß, Sandra Beuck, Matthias Wölfel - <i>Virtual Reality – Quo Vadis? How to Address the Complete Audience of an Emerging Technology</i>	Discussion: The role of applied informatics in traffic and transportation research Room4

	Room1	Room2	Room3	
16:00-16:20	Nirosha Holton - <i>Supporting 21st Century learning through digitally-enabled collaborative learning spaces</i>	B. Schemmann, S. Behrendt, S. Kinkel - <i>Judging Competencies, Abilities and Expertise based on Enterprise Social Network Profile Pages</i>	Manuel Conzelmann, Sabrina Lange, Matthias Wölfel - <i>Fostering Human-to-Human Communication and Collaboration in Physical Space by Playful Augmentation and Information Inequality</i>	
16:20-16:40	Coffeebreak			
Session	Computer Science and Learning Chair: Peter Henning	Business Chair: Stefanie Regier	IT & Business Chair: Rainer Neumann	
16:40-17:00	Johannes Dornheim, Norbert Link - <i>Reinforcement Learning Based Approach for Optimal Deep Drawing Process Control</i>	Marion Murzin, Maha Ben Amor - <i>Practice-oriented Training as a Sales Engineer: Case Study Analysis of a Role Play</i>	Spiros Alexakis - <i>UNICORN - A Novel Framework for Multi-cloud Services Development, Orchestration, Deployment and Continuous Management Fostering Cloud Technologies Uptake</i>	Meetings Traffic and Transportation
17:00-17:20	Kevin Fuchs, Peter A. Henning - <i>Visualizing Learning Behavior as Spatio-Temporal Trajectories</i>	Dominik Gebhard, Tülin Ersari and Andrea Wirth - <i>Measuring and Visualizing the value added through the Industrial Internet of Things</i>	Daniel Benz, Nils M. Ullmann, Gilles Wetzel, Artur Felic, Spiros Alexakis - <i>A Weighted Hybrid Recommender System Approach for Product Configuration</i>	Meetings Traffic and Transportation

	Room1	Room2	Room3	Room4
17:20-17:40	Dimitrios Ntalaperas, Athanasios Mpouras, Raffaele Di Fuccio - <i>Utilizing High Performance Computing Techniques for efficiently anonymizing sensitive patient data</i>	Lena Gribel, Stefanie Regier, Ingo Stengel, Steven Furnell - <i>The Effect of Cognitive and Individual-Level Factors in Wearable Computing Adoption – Empirical Evidence from Germany</i>	Sebastian Gelfert, Hendrik Rust, Sven Brenner - <i>New Approach in 3D Mapping and Localization for Search and Rescue Missions</i>	Meetings Traffic and Transportation
17:40-18:00			?F. Buchner, I.Stengel – <i>A Review of Challenges in Blockchain Adoption for Supply Chains</i>	
18:00-19:00	Break			
19:00-22:00	Awards, Closing Session and Dinner			