

## Program MCPL 2016

Monday, February, 22 <sup>nd</sup> 2016			
13:30	<b>Registration MCPL Day 1</b>		
14:00	<b>Welcome, Introduction and Keynote Day 1</b> (BIBA Auditorium) Chair: Prof. Dr. Jürgen Pannek		
14:45	<b>Keynote Day 1</b> Prof. Dr. Rolf Drechsler, Head of Cyber-Physical Systems Research Group, German Research Centre for Artificial Intelligence (DFKI) & Head of Computer Architecture Research Group, University of Bremen <i>Safe Cyber-Physical Systems in Production and Logistics</i>		
15:30	<b>Coffee Break</b> (BIBA Hall)		
16:00	<table border="1"> <tr> <td> <b>D1S1T1: MCPL Day 1, Slot 1, Track 1</b> (BIBA Auditorium) Chair: Wajih Ezzeddine Co-Chair: Ulises Martinez-Araiza   <b>Probabilistic and Statistical Modeling</b>   Wajih Ezzeddine, Jérémie Schutz, Nidhal Rezg: Test for additive interaction in proportional hazard model applied to pitot sensors reliability and survivability   Ulises Martinez-Araiza, Ernesto Lopez-Mellado: CTL model repair for inter-organizational business processes modelled as oWFN   Shiva Darabi, Jafar Heydari: An interval-valued hesitant fuzzy ranking method based on group decision analysis for green supplier selection </td> <td> <b>D1S1T2: MCPL Day 1, Slot 1, Track 2</b> (BIBA Conference Room) Chair: Bernd Nieberding Co-Chair: Yipeng Zhang   <b>Urban Freight Distribution and City Logistics</b>   Andy Apfelstädt, Sergey Dashkovskiy, Bernd Nieberding: Modeling, optimization and solving strategies for matching problems in cooperative full truckload networks   Jörn Schönberger: Multi-period vehicle routing with limited period load   Yipeng Zhang: Correlated storage assignment strategy to reduce travel distance in order picking </td> </tr> </table>	<b>D1S1T1: MCPL Day 1, Slot 1, Track 1</b> (BIBA Auditorium) Chair: Wajih Ezzeddine Co-Chair: Ulises Martinez-Araiza  <b>Probabilistic and Statistical Modeling</b>  Wajih Ezzeddine, Jérémie Schutz, Nidhal Rezg: Test for additive interaction in proportional hazard model applied to pitot sensors reliability and survivability  Ulises Martinez-Araiza, Ernesto Lopez-Mellado: CTL model repair for inter-organizational business processes modelled as oWFN  Shiva Darabi, Jafar Heydari: An interval-valued hesitant fuzzy ranking method based on group decision analysis for green supplier selection	<b>D1S1T2: MCPL Day 1, Slot 1, Track 2</b> (BIBA Conference Room) Chair: Bernd Nieberding Co-Chair: Yipeng Zhang  <b>Urban Freight Distribution and City Logistics</b>  Andy Apfelstädt, Sergey Dashkovskiy, Bernd Nieberding: Modeling, optimization and solving strategies for matching problems in cooperative full truckload networks  Jörn Schönberger: Multi-period vehicle routing with limited period load  Yipeng Zhang: Correlated storage assignment strategy to reduce travel distance in order picking
<b>D1S1T1: MCPL Day 1, Slot 1, Track 1</b> (BIBA Auditorium) Chair: Wajih Ezzeddine Co-Chair: Ulises Martinez-Araiza  <b>Probabilistic and Statistical Modeling</b>  Wajih Ezzeddine, Jérémie Schutz, Nidhal Rezg: Test for additive interaction in proportional hazard model applied to pitot sensors reliability and survivability  Ulises Martinez-Araiza, Ernesto Lopez-Mellado: CTL model repair for inter-organizational business processes modelled as oWFN  Shiva Darabi, Jafar Heydari: An interval-valued hesitant fuzzy ranking method based on group decision analysis for green supplier selection	<b>D1S1T2: MCPL Day 1, Slot 1, Track 2</b> (BIBA Conference Room) Chair: Bernd Nieberding Co-Chair: Yipeng Zhang  <b>Urban Freight Distribution and City Logistics</b>  Andy Apfelstädt, Sergey Dashkovskiy, Bernd Nieberding: Modeling, optimization and solving strategies for matching problems in cooperative full truckload networks  Jörn Schönberger: Multi-period vehicle routing with limited period load  Yipeng Zhang: Correlated storage assignment strategy to reduce travel distance in order picking		
17:30	<b>Get Together</b> (BIBA Hall)		

Tuesday, February, 23 <sup>rd</sup> 2016	
08:30	<b>Registration MCPL Day 2</b>
09:00	<b>Welcome LDIC &amp; Keynote Day 2</b> (BIBA Auditorium) Chair: Prof. Dr. Herbert Kotzab
09:05	Prof. Dr.-Ing. Klaus-Dieter Thoben, Head of Research Group Applied Information and Communication Technology for Production (IKAP), BIBA, and Spokesman <i>LogDynamics</i>
09:45	Dr. Sven Hermann, PTS Logistics GmbH, Head of Solutions, Marketing and IT Strategy <i>Digital Business Transformation of SME Logistics Service Providers</i>
10:30	<b>Coffee Break</b> (BIBA Hall)
11:00	<b>D2S1: MCPL Day 2, Slot 1</b> (BIBA Conference Room) Chair: Neil Jami Co-Chair: Breno Barros Telles do Carmo  <b>Planning, Scheduling and Decision Support</b>  Breno Barros Telles do Carmo, Manuele Margni, Pierre Baptiste: Social impacts profile of suppliers: a S-LCA approach  Christina Reuter, Felix Brambring, Melanie Luckert, Philipp Hünnekes: Approach for the prediction of production segmentation potential  Neil Jami, Michael Schröder, Karl-Heinz Küfer: A model and polynomial algorithm for purchasing and repositioning containers
12:30	<b>Lunch</b> (Uni Bremen – Mensa)
14:00	<b>D2S2: MCPL Day 2, Slot 2</b> (BIBA Conference Room) Chair: Christian Mascle Co-Chair: Alena Puchkova  <b>Advanced Process Control and Wireless Automation</b>  Othmane Dayi, Arash Afsharzadeh, Christian Mascle: A lean based process planning for aircraft disassembly  Karl Worthmann, Philipp Braun, Michael Proch, Jörg Schlüchtermann, Jürgen Pannek: On contractual periods in supplier development  Alena Puchkova, Julien Le Romancer, Duncan Campbell McFarlane: Balancing push and pull strategies within the production system
15:30	<b>Coffee Break</b> (BIBA Hall)
18:30	<b>Conference Dinner</b> (Bremer Ratskeller, Am Markt 11, 28195 Bremen)

Wednesday, February, 24 <sup>th</sup> 2016			
08:30	<b>Registration MCPL Day 3</b>		
09:00	<b>Introduction and Keynote Day 3</b> (BIBA Auditorium) Chair: Prof. Dr.-Ing. Michael Freitag		
09:05	Prof. Dr.-Ing Gisela Lanza, Karlsruhe Institute of Technology, Head of Institute for Production Systems <i>Towards robust production networks – reconfiguration strategies in global production networks</i>		
09:45	Bernhard Eberl, PTC ThingWorx, Team Lead Academic Program <i>The Internet of Things and its Role in Education</i>		
10:30	<b>Coffee Break</b> (BIBA Hall)		
11:00	<b>D3S1T1: MCPL Day 3, Slot 1, Track 1</b> (BIBA Conference Room) Chair: Tobias Buer Co-Chair: Elham Behmanesh  <b>Supply Chain &amp; Green Supply Chain Management 1</b>  Andreas Barz, Tobias Buer, Hans-Dietrich Haasis: A Study on the Effects of Additive Manufacturing on the Structure of Supply Networks  Elham Behmanesh, Jürgen Pannek: Modeling and random path-based direct encoding for a closed loop supply chain model with flexible delivery paths  Tatiana M. Pinho, João Paulo Coelho, António Paulo Moreira, José Boaventura Cunha: Modelling a biomass supply chain through discrete-event simulation	<b>D3S1T2: MCPL Day 3, Slot 1, Track 2</b> (IPS-Lab) Chair: Marco Lewandowski  <b>IoT Workshop Session 1</b> <b>Industrial Internet of Things – Enabler for smart connected business</b>	
12:30	<b>Lunch</b> (Uni Bremen – Mensa)		
14:00	<b>D3S2T1: MCPL Day 3, Slot 2, Track 1</b> (BIBA Conference Room) Chair: Tatiana M. Pinho Co-Chair: Matthias Parlings  <b>Life Cycle &amp; Green Supply Chain Management 2</b>  Tatiana M. Pinho, João Paulo Coelho, José Boaventura Cunha: Forest-based supply chain modelling using the simPy simulation framework  Matthias Parlings, Katja Klingebiel, Patrick Oschmann: An integrated innovation life cycle model for supply chain adaption  Jonathan Ullwer, Juliana Kucht Campos, Frank Straube: Waste and pollution management practices by German companies  <b>Closing</b>	<b>D3S2T2: MCPL Day 3, Slot 2, Track 2</b> (IPS-Lab) Chair: Marco Lewandowski  <b>IoT Workshop Session 2</b> <b>PTC ThingWorx Tutorial</b>	
15:30	<b>Bremen City Tour with Bus</b>	15:30	<b>Coffee Break</b> (BIBA Hall)
		16:00	<b>D3S3T1: MCPL Day 3, Slot 3, Track 1</b> (IPS-Lab) Chair: Marco Lewandowski  <b>IoT Workshop Session 3</b> <b>Hands-On Experiments</b>
17:30	<b>Get Together</b> (BIBA Hall)		