

Newsletter #5 - 30.06.2016

Overview

News from the RTG

Upcoming Events

Publications

Dear Readers,

During the last weeks of the summer semester, many of us are preparing for participation at various academic conferences. We would be glad to meet you there, if you are around.

If you would like us to announce an event (call for papers, publications, conferences, lectures, awards, etc.) of relevance for resource efficiency in interorganizational networks, please feel free to send us your content.

Greetings,

Jutta Geldermann (editor-in-chief)

Editorial team: Tim Koddenberg, Corinna Krüger, Meike Schmehl

News from the RTG

Completed Dissertations

On 22 June 2016, Laura Teuber defended her Ph.D. thesis "Evaluation of particle and fibre degradation during processing of wood plastic composites (WPC) using dynamic image analysis". She was a collegiate from 04/12 to 04/15 and worked on Topic A.2: Characterization of the by-products in the lumber industry concerning their suitability for high quality applications of innovative products.

Best Paper Award

Dr. Simon Trang received the Florenz Sartorius-Prize for his thesis entitled "Adoption, Value Co-Creation, and Governance of Inter-Organizational Information Technology in Wood Networks" at the graduation ceremony of the faculty of economic sciences on 4 May 2016. Once a year this prize is awarded for an outstanding doctoral thesis in the fields of business administration, information systems, and business education. The internationally active laboratory and process technology provider Sartorius donated the prize for graduates that is named after the founder of the company. ([link](#))

Guest Researchers

During the last months we were happy to welcome the following guest researchers:

- On 9 February 2016, Professor Dr. Kaisa Miettinen from the University of Jyväskylä, Finland was invited by the researchers of topical group B and held a presentation.
- From 15–19 February 2016, Professor Dr. Philip Evans from the University of British Columbia in Vancouver, Canada, was invited by the researchers of topical group A.
- From 16–18 March 2016, Professor Umberto Desideri from the University of Pisa, Italy, visited the researchers of topical group B.
- From 6–8 April 2016, Professor Dr. Falk Liebner from the University of Natural Resources and Life Sciences Vienna, Austria, was invited by the researchers of topical group A and held a presentation.
- On 14 April 2016, René Blank from Ruhr University Bochum, Germany, was invited by the researchers of topical group B and held a presentation.
- From 25–29 April 2016, Professor Dr. Callum Hill from Bath University and Director of JCH Industrial Ecology Limited, UK, was invited by the researchers of topical group A and held a presentation.
- From 8–22 May 2016, Professor Dr. Margaret M. Wiecek from Clemson University, SC, USA, visited the researchers of topical group B.
- On 24 June 2016, Professor Dr. Ortwin Renn, Scientific Director from the Institute for Advanced Sustainability Studies e.V. (IASS) in Potsdam, Germany, held a presentation on "Risk management between efficiency and resilience".
- From 06/16 to 08/16, Juan David Sepulveda Chaverra from the Universidad de Manizales, Caldas, Colombia, is visiting the researchers of topical group B.

Research Visits

To share knowledge and ideas, members of our RTG were visiting the following universities:

- From 03/16 to 05/16, Lisa Thom visited the Department of Engineering Science, the University of Auckland, New Zealand to strengthen the cooperation and work towards a joint publication.
- From 03/16 to 04/16, Corinna Krüger visited the Department of Mathematical Sciences at Clemson University in Clemson, South Carolina, USA. She collaborated with Margaret Wiecek on the research topic "robust multiobjective optimization", investigating multiobjective optimization problems with deterministic objectives and uncertain constraints. The research is currently continued by Corinna Krüger, Anita Schöbel and Margaret Wiecek.

Upcoming Events

Conferences At the following conferences, topics of the RTG will be considered and members of the RTG will present their results:

- [28th European Conference on Operational Research \(EURO 2016\)](#): July 3–6, 2016, Poznan (Poland)
- [The European Conference on Sustainability, Energy & the Environment 2016 \(ECSEE2016\)](#): July 7–10, 2016, Brighton (UK)
- [Microscopy & Microanalysis 2016 Meeting \(M&M 2016\)](#): July 24–28, 2016, Columbus, OH (USA)
- [22nd Americas Conference on Information Systems \(AMCIS 2016\)](#): August 11–14, 2016, San Diego, CA (USA)
- [International Conference on Operations Research \(OR2016\)](#): August 30–September 2, 2016, Hamburg (Germany)

Publications as of February 2016

- Appelhanz, S. (2016): *Tracking & Tracing-Systeme in Wertschöpfungsnetzwerken für die industrielle stoffliche Nutzung nachwachsender Rohstoffe*. Dissertation at the DFG Research Training Group 1703 "Resource Efficiency in Interorganizational Networks". Göttinger Wirtschaftsinformatik 81. Cuvillier, Göttingen. ([link](#)).
- Bastani, A.; Adamopoulos, S.; Koddenberg, T.; Militz, H. (2016): *Study of adhesive bondlines in modified wood with fluorescence microscopy and X-ray micro-computed tomography*. International Journal of Adhesion and Adhesives 68, pp. 351–358. DOI: [10.1016/j.ijadhadh.2016.04.006](https://doi.org/10.1016/j.ijadhadh.2016.04.006).
- Hoppe, W.; Bringezu, S.; Thonemann, N. (2016): *Comparison of global warming potential between conventionally produced and CO₂-based natural gas used in transport versus chemical production*. Journal of Cleaner Production 121, pp. 231–237. DOI: [10.1016/j.jclepro.2016.02.042](https://doi.org/10.1016/j.jclepro.2016.02.042).
- Mandrella, M.; Trang, S.; Kolbe, L. M. (2016): *Synthesizing and Integrating Research on IT-Based Value Co-Creation: A Meta-Analysis*. In: Proceedings of the 24th European Conference on Information Systems (ECIS 2016). Istanbul, Turkey. ([link](#)).
- Mandrella, M.; Zander, S.; Kolbe, L. M. (2016): *IT-Based Value Co-Creation: A Literature Review and Directions for Future Research*. In: Proceedings of the 49th Annual Hawaii International Conference on System Sciences (HICSS) 2016, Kauai, HI, USA. DOI: [10.1109/HICSS.2016.43](https://doi.org/10.1109/HICSS.2016.43).
- Taskhiri, M. S. (2016): *Modeling of a logistics network for wood flows from by-products and cascade utilization*. Dissertation at the DFG Research Training Group 1703 "Resource Efficiency in Interorganizational Networks". Cuvillier, Göttingen. ([link](#)).
- Teuber, L.; Militz, H.; Krause, A. (2016): *Dynamic particle analysis for the evaluation of particle degradation during compounding of wood plastic composites*. Composites Part A: Applied Science and Manufacturing 84, pp. 464–471. DOI: [10.1016/j.compositesa.2016.02.028](https://doi.org/10.1016/j.compositesa.2016.02.028).
- Thonemann, N.; Schumann, M. (2016): *Ressourceneffizienz in der Ökobilanz: Eine systematische Literaturanalyse*. Umweltwirtschaftsforum. DOI: [10.1007/s00550-016-0386-7](https://doi.org/10.1007/s00550-016-0386-7).
- Zander, S.; Mandrella, M.; Kolbe, L. M. (2016): *Shifting from Justification to Understanding: The Impact of Environmental Uncertainty on the Value of IT-Enabled Collaboration in Supply Chains*. In: Proceedings of the 24th European Conference on Information Systems (ECIS 2016). Istanbul, Turkey. ([link](#)).

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Contact Details

RTG 1703
Platz der Göttinger Sieben 3
Oeconomicum 1.101
37073 Göttingen
[Homepage](#)