

# Resource Efficiency in Interorganizational Networks

## Newsletter



Newsletter #3 - 07.09.2015

### Overview

News from the RTG

Upcoming Events

Publications

Dear Readers,

We would like to inform you of the latest research publications and other activities of our Research Training Group. 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

#### New RTG-Members

In October 2015 a new member will join our RTG:

- Yağmur Bütün

*Topic Area A.2: Characterization of By-Products from Forestry*

#### Open Ph.D. Positions

The RTG offers one Ph.D. position in the research area (B) planning of production and supply chains for renewable resources starting as of now. The ideal candidate should be able to model, evaluate and transform existing and future material processes in inter-organizational networks. The academic background should be Business Administration, Information Systems, Industrial Engineering, Applied Mathematics or Business Chemistry/Industrial Chemistry, or similar.

Closing date is the 15th of September. Further information can be found [here](#).

#### Completed Dissertations

- In Mai 2015, Victoria-Sophie Osburg successfully defended her Ph.D. thesis "Products consisting of materials based on renewable resources: Drivers of purchase intention, consumers' information needs and target groups". She was a collegiate from 05/12 to 04/15 and worked on Topic C.4: Consumer acceptance of products from renewable resources and complementary services.
- Simon Trang successfully defended his Ph.D. thesis "Adoption, Value Co-Creation, and Governance of Inter-Organizational Information Technology in Wood Networks" in June 2015. He was a collegiate from 04/12 to 03/15 in Topic C.2: IT-Governance in Inter-organizational Networks for Renewable Resources.

Both, Victoria and Simon, receive startup funding after their doctorates to develop their own independent project proposals.

#### Best Paper Award

Dr Victoria-Sophie Osburg, Dr Denise Maria Conroy (University of Auckland), and Professor Dr Waldemar Toporowski received the Best Paper Award at the

International Symposium on Sustainable Leadership (ISL 2015), for the paper entitled "Furnishing sustainable futures: An exploration of how furniture manufacturers can demonstrate sustainable leadership". The paper was written during a research visit of Dr Victoria-Sophie Osburg at the University of Auckland Business School (New Zealand).

**Research Visits** To share knowledge and ideas, members of our RTG are visiting the following universities:

- From Aug 01, 2015 to Oct 02, 2015, Tim Schröder worked at Industrial Engineering Research Group, Faculty of Forestry, University of British Columbia, Canada to apply his model developed for the dissertation thesis in the context of Canada/British Columbia.
- From Sep 01, 2015 to Oct 03, 2015, Patrick Urbanke worked at Institute of Service Science, College of Technology Management, National Tsing Hua University, Taiwan to share the research conducted as part of his dissertation and initiate new projects.

## Upcoming Events

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

- [International Conference on Operations Research \(OR 2015\)](#) : 1–4 September, 2015, University of Vienna, Vienna (Austria)
- [14th International Conference on Environmental Science and Technology \(CEST 2015\)](#): 3–5 September, 2015, Rhodes (Greece)
- [11. Ökobilanzwerkstatt 2015](#): 14–16 September, 2015, Pforzheim (Germany)
- [3. Holzanatomisches Kolloquium](#): 1–2 October, 2015, Dresden (Germany)
- [Global Cleaner Production and Sustainable Consumption Conference \(GCPC 2015\)](#): 1–4 November, 2015, Sitges (Spain)

## Publications May–August 2015

- Appelhanz, S.; Schumann, M. (2015): *An Empirical Investigation of Strategies against Procurement Uncertainties and Their IS Support at High Grade Timber*. In: Proceedings of the Americas Conference on Information Systems (AMCIS). San Juan, Puerto Rico, August 13–15, pp. 1–17. <http://aisel.aisnet.org/amcis2015/GreenIS/GeneralPresentations/3/>.
- Bender, M. (2015): *Randomized Approximation and Online Algorithms for Assignment Problems*. Dissertation at the DFG Research Training Group 1703 "Resource Efficiency in Interorganizational Networks". University of Göttingen. [Digital doctoral thesis](#).
- Ide, J.; Tiedemann, M.; Westphal, S.; Haiduk, F. (2015): *An Application of Deterministic and Robust Optimization in the Wood Cutting Industry*. 4OR 13 (1), pp. 35–57. DOI: [10.1007/s10288-014-0265-4](https://doi.org/10.1007/s10288-014-0265-4).
- Mandrella, M.; Trang, S.; Zander, S.; Kolbe, L. M. (2015): *Influence of Network Characteristics on Inter-Organizational IT Integration: The Role of Commitment and Trust*. In: Proceedings of the Americas Conference on Information Systems (AMCIS). San Juan, Puerto Rico, August 13–15, pp. 1–14. <http://aisel.aisnet.org/amcis2015/e-Biz/GeneralPresentations/5/>.
- Osburg, V.-S. (2015): *Products consisting of materials based on renewable resources: Drivers of purchase intention, consumers' information needs and target groups*. Dissertation at the DFG

Research Training Group 1703 "Resource Efficiency in Interorganizational Networks". University of Göttingen. [Digital doctoral thesis](#).

- Osburg, V.-S.; Conroy, D. M.; Toporowski, W. (2015): *Furnishing sustainable futures: An exploration of how furniture manufacturers can demonstrate sustainable leadership*. In: Avery, G. C.; Bouchet, M.-L. (Eds.): Proceedings of the 10th International Symposium on Sustainable Leadership. Dubrovnik, Croatia, June 2–5, pp. 57–68.
- Osburg, V.-S.; Ludorf, S. (2015): *Sustainability Marketing - a Global Perspective: a book review*. Journal of Cleaner Production, in press, DOI: [10.1016/j.jclepro.2015.04.043](https://doi.org/10.1016/j.jclepro.2015.04.043).
- Tiedemann, M. (2015): *Online Resource Management*. Dissertation at the DFG Research Training Group 1703 "Resource Efficiency in Interorganizational Networks". University of Göttingen. [Digital doctoral thesis](#).
- Trang, S. (2015): *Adoption, value co-creation, and governance of inter-organizational information technology in wood networks*. Dissertation at the DFG Research Training Group 1703 "Resource Efficiency in Interorganizational Networks". University of Göttingen. Cuvillier (Göttinger Wirtschaftsinformatik, 77), Göttingen.
- Trang, S.; Busse, S.; Schmidt, J.; Falk, T.; Marrone, M.; Kolbe, L. M. (2015): *Replacing human interaction in IS-driven collaborative consumption services*. In: Proceedings of the European Conference on Information Systems (ECIS). Muenster, May 26–29, pp. 1–16. [http://aisel.aisnet.org/ecis2015\\_cr/183/](http://aisel.aisnet.org/ecis2015_cr/183/).
- Trang, S.; Mandrella, M.; Zander, Sebastian; Hildebrandt, B.; Kolbe, L. M. (2015): *Value Co-creation through Network IT Alignment: An Empirical Examination in Regional Networks*. In: Proceedings of the Americas Conference on Information Systems (AMCIS). San Juan, Puerto Rico, August 13–15, pp. 1–14. <http://aisel.aisnet.org/amcis2015/StrategicUse/GeneralPresentations/4/>.
- Trang, S.; Zander, S.; Visser, B. de; Kolbe, L. M. (2015): *Towards an importance-performance analysis of factors affecting e-business diffusion in the wood industry*. Journal of Cleaner Production, in press, DOI: [10.1016/j.jclepro.2015.05.051](https://doi.org/10.1016/j.jclepro.2015.05.051).
- Zander, S.; Trang, S. (2015): *A book review of "Renewable raw materials: new feedstocks for the chemical industry"*. Journal of Cleaner Production, in press, DOI: [10.1016/j.jclepro.2015.05.133](https://doi.org/10.1016/j.jclepro.2015.05.133).
- Zander, S.; Trang, S.; Mandrella, M.; Marrone, M.; Kolbe, L. M. (2015): *Integrating Industry Characteristics in Interorganizational IS Adoption Models: A Mixed Method Approach*. In: Proceedings of the Pacific Asia Conference on Information Systems (PACIS). Marina Bay Sands, Singapore, July 5–6, pp. 1–17. <http://aisel.aisnet.org/pacis2015/206/>.

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