

# Schedule for the 4<sup>th</sup> Conference of the EURO Working Group on Sustainable Supply Chains

**Friday, June 30**

Start	Duration	End	Subject	
09:15	00:15	09:30	<b>Opening</b> Rooms 1–3, Chair: Karsten Kieckhäfer	
09:30	00:45	10:15	<b>Keynote: The opportunities of the Circular Economy in the wider Rhine-Ruhr region (Carsten Gerhardt &amp; Andreas Mucke)</b> Rooms 1–3, Chair: Karsten Kieckhäfer	
10:15	00:30	10:45	<b>Coffee Break + Posters</b> Foyer Seminar Building	
10:45	01:15	12:00	<b>Sustainable Supply Chain Design</b> Parallel Session 1, Rooms 1–3, Chair: Bruna Mota	<b>Sustainable Decision Making Under Uncertainty</b> Parallel Session 2, Rooms 4+5, Chair: Stefan Kupfer
			Optimal design of socially sustainable supply chains through activity analysis and social life cycle assessment ( <i>Lea Franze</i> )	The environmental impact of switching from deterministic to stochastic modeling in sales & operations planning under uncertainty ( <i>Thorsten Greil</i> )
			Green hydrogen supply chain network design for sustainable aviation ( <i>Christian Thies</i> )	Managing payment flexibility in rent-to-own contracts for off-grid energy products ( <i>Jose A. Guajardo</i> )
			Optimizing sustainable supply chain design and planning with industrial symbiosis: An approach for a fair allocation of costs and benefits ( <i>Rui Alexandre Boavida Afonso de Freitas Dias</i> )	Queuing joining strategies to control air pollution ( <i>Yael Perlmán</i> )
12:00	00:30	12:30	<b>Poster Pitch</b> Rooms 1–3, Chair: Karsten Kieckhäfer	
12:30	01:00	13:30	<b>Lunch + Posters</b> Foyer Seminar Building	
13:30	01:40	15:10	<b>Food Logistics and Distribution of Perishables</b> Parallel Session 3, Rooms 1–3, Chair: Renzo Akkerman	<b>Assessment of Sustainability and Resilience in Supply Chains</b> Parallel Session 4, Rooms 4+5, Chair: Christian Thies
			Mobile Deconsolidation Points: A lever for sustainable distribution of perishable goods? ( <i>Michaela Thulke</i> )	Sustainability of the archimedean drum screen clean-up technology in aquatic ecosystems: A comparative supply chain analysis ( <i>Patricia Rogetzer</i> )
			Inventory dynamics at the retailer: An economic and environmental analysis of packaging fresh produce ( <i>Marjolein Buisman</i> )	Measuring sustainability in agri-food supply chains: The role of key performance indicators ( <i>Maíalda Ivo de Carvalho</i> )
			Quantifying the potential to reduce food waste and increase freshness in a two-echelon divergent single product supply chain ( <i>Rob Broekmeulen</i> )	Review of metrics to assess resilience capacities and actions for supply chain resilience ( <i>Lukas Meßmann</i> )
			Enabling sustainable logistics operations to provide more local food in restaurants ( <i>Christian Fikar</i> )	Assessing the sustainability of supply chain by means of network-DEA: Review and application ( <i>Steffen Hoffmann</i> )
15:10	00:30	15:40	<b>Coffee Break + Posters</b> Foyer Seminar Building	
15:40	01:40	17:20	<b>Multi Objective Supply Chain Design</b> Parallel Session 5, Rooms 1–3, Chair: Ana Barbosa-Povoa	<b>Repair and Reverse Logistics</b> Parallel Session 6, Rooms 4+5, Chair: Rainer Kleber
			Bi-objective optimization of biomass-to-biofuel supply chains with mobile processing facilities ( <i>Fragkoulis Psathas</i> )	How can repairers improve their service? Consumer perspective on operational aspects of repair services ( <i>Gernot Lechner</i> )
			Reducing water consumption with food supply chain design and planning ( <i>Bruna Mota</i> )	The influence of repair funding programs on consumers' repair decision: Investigating motives for (not) using a repair funding ( <i>Iris Sara Etzinger</i> )
			Renewable fuel supply chain network design and sustainability: A multi-objective optimization approach ( <i>Mina Farajiamiri</i> )	Analyzing different implementations of a funding scheme for encouraging repair ( <i>Marc Reimann</i> )
			Symbiotic supply chains planning ( <i>Vânia Veloso</i> )	Optimising the reverse supply network design of end-of-life wind turbine blades under various policy scenarios ( <i>Andrea Tuni</i> )
19:00	03:30	22:30	<b>Conference Dinner</b> Villa Bechem, Faculty Club, Feithstraße 152 (on campus)	

## Saturday, July 1

Start	Duration	End	Subject
09:00	00:45	09:45	<b>Keynote: Supporting decisions that matter: Assisting Brazilian smallholder farmers to access institutional markets (Athanasios Rentzelas)</b> Rooms 1–3, Chair: Karsten Kieckhäfer
09:45	00:45	10:30	<b>Jacqueline Bloemhof PhD Thesis Award</b> Rooms 1–3, Chair: Renzo Akkerman
10:30	00:30	11:00	<b>Coffee Break + Posters</b> Foyer Seminar Building
11:00	01:40	12:40	<b>Session 7: Material Flow Analysis and Closed-Loop Supply Chains</b> Parallel Session 7, Rooms 1–3, Chair: Marc Reimann
			Sustainable supply chains in the construction industry: A material flow analysis in the Ruhr region ( <i>Pauline Jegen</i> )
			An integrative and prospective approach to material flow analysis: The transformation to hydrogen-based direct reduction of the North Rhine-Westphalian steel industry ( <i>Rainer Radloff</i> )
			Closed-loop production planning incorporating eco-efficiency using the example of circular battery production in Europe ( <i>Christian Scheller</i> )
			Determining the influencing factors for operational disposition decisions in closed-loop supply chains ( <i>Sabrina Rinder</i> )
			<b>Session 8: Supporting Selection Decisions Towards Sustainability</b> Parallel Session 7, Rooms 4+5, Chair: Patricia Rogetzer
			IoT-based temperature monitoring in fresh fruit and vegetable supply chains: stakeholders' perspectives and requirements ( <i>Anna Lamberty</i> )
			Green criterion for supplier selection in the Turkish food industry ( <i>Kazim Sari</i> )
			Intelligent assembly methods: A model to support decision-makers towards more sustainable manufacturing ( <i>Andrea Mencaroni</i> )
12:40	00:50	13:30	<b>Closing, Farewell, and Lunch</b> Rooms 1–3, Chair: Karsten Kieckhäfer

**Location:**

The EURO Working Group conference will be held at FernUniversität in Hagen, Germany. All sessions will take place in the Seminar Building (Building 2).



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