

## Program Beta Symposium 2026

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| 09:30 – 09:45 | Registration                                                                                                                                                                                       |                                                                                                                                                                                                      |                                                                                                                                                                                                         |
| 09:45 – 10:00 | Opening by Zümbül Atan, scientific director Beta                                                                                                                                                   |                                                                                                                                                                                                      |                                                                                                                                                                                                         |
| 10:00 – 10:45 | <b>Plenary Keynote</b>                                                                                                                                                                             |                                                                                                                                                                                                      |                                                                                                                                                                                                         |
|               | <b>Gréanne Leefink</b> (University of Twente)<br><i>From scheduling to healthcare system design: The right care, for the right patient, by the right professional, at the right place and time</i> |                                                                                                                                                                                                      |                                                                                                                                                                                                         |
| 10:45 – 11:00 | Break                                                                                                                                                                                              |                                                                                                                                                                                                      |                                                                                                                                                                                                         |
| 11:00 – 12:30 | <b>Transportation &amp; Scheduling</b>                                                                                                                                                             | <b>Beta-LNMB Session: Logistics &amp; Optimization</b>                                                                                                                                               | <b>Supply Chain Resilience &amp; Network Design</b>                                                                                                                                                     |
| 11:00 – 11:30 | <b>Neslihan Çevik</b> (Eindhoven University of Technology)<br><i>The value of anticipation in stability-aware repair of disrupted full truckload schedules</i>                                     | <b>Ezgi Topuz Buldanli</b> (Wageningen University & Research)<br><i>The Reference Point as a Platform Design Variable: Information Disclosure Policies and Shipper Retention in Freight Matching</i> | <b>Polle Dankers</b> (Tilburg University)<br><i>Optimal buffer stock placement under production and trade disruptions: a two-stage stochastic spatial price equilibrium model of global wheat trade</i> |
| 11:30 – 12:00 | <b>Mahekha Dahanayaka</b> (University of Twente)<br><i>A Simulation-based Optimisation Approach for Airline Ground Staff Scheduling</i>                                                            | <b>Emre Kara</b> (Eindhoven University of Technology)<br><i>Towards automated container allocation at a tank container operator</i>                                                                  | <b>Gerben Ouwersloot</b> (Eindhoven University of Technology)<br><i>Designing the transition of a natural gas pipeline network to hydrogen considering the chicken-and-egg dilemma</i>                  |
| 12:00 – 12:30 | <b>Antonio Montaruli</b> (University of Twente)<br><i>Integrated Airline Network Planning and Flight Scheduling in Hub-and-Spoke Networks with Bank Structures</i>                                 | <b>Joris van Oers</b> (Eindhoven University of Technology)<br><i>A Metaheuristic for Multimodal Transport in Decentralized Distribution</i>                                                          | <b>Nazli Gul</b> (Wageningen University & Research)<br><i>How Efficiency-Driven Practices Shape Pharmaceutical Supply Chain Resilience: A System Dynamics Model</i>                                     |
| 12:30 – 13:30 | Lunch                                                                                                                                                                                              |                                                                                                                                                                                                      |                                                                                                                                                                                                         |
| 13:30 – 14:30 | <b>Optimization Methods</b>                                                                                                                                                                        | <b>People, Technology &amp; Decision Support</b>                                                                                                                                                     | <b>Operations Planning &amp; Fulfillment</b>                                                                                                                                                            |
| 13:30 – 14:00 | <b>Maarten Van den Abeele</b> (University of Antwerp)<br><i>A component-based analysis of the Late Acceptance Hill Climbing metaheuristic</i>                                                      | <b>Joan Stip</b> (Eindhoven University of Technology)<br><i>Governance of algorithmic decision support in inventory planning: A Principal-Agent perspective</i>                                      | <b>Tjum van Dijk</b> (Tilburg University)<br><i>Operational Service Tool Planning: The Floating Tool Policy</i>                                                                                         |
| 14:00 – 14:30 | <b>Reza Ghorbani Saber</b> (Ghent University)<br><i>A Benders Decomposition-Based Hybrid Approach to the Dual Resource Constrained Flexible Job Shop Scheduling Problem</i>                        | <b>Roman Vervoort</b> (Tilburg University)<br><i>The Heterogeneous Impact of Automation on Labor Productivity: Evidence From the Logistics Industry</i>                                              | <b>Ruben D'Haen</b> (Hasselt University)<br><i>Optimization of store and warehouse based e-grocery fulfillment</i>                                                                                      |
| 14:30 – 15:00 | Break                                                                                                                                                                                              |                                                                                                                                                                                                      |                                                                                                                                                                                                         |
| 15:00 – 16:00 | <b>Resource Allocation &amp; Workforce Planning</b>                                                                                                                                                | <b>Sustainable Supply Chains &amp; Operations</b>                                                                                                                                                    | <b>Operations &amp; Decision Making</b>                                                                                                                                                                 |
| 15:00 – 15:30 | <b>Jedidja Lok-Visser</b> (University of Twente)<br><i>Dynamic resource allocation with advance and short-notice demand based on predictions</i>                                                   | <b>Hucheng Liu</b> (KU Leuven)<br><i>Evolution of ESG Performance within Supply Chain Networks.</i>                                                                                                  | <b>Guan-Yuan Wang</b> (Tilburg University)<br><i>Paying More Without Getting More? Within-Level Promotion, Strategic Effort Allocation, and Field Service Productivity</i>                              |
| 15:30 – 16:00 | <b>Peyman Yasari</b> (Ghent University)<br><i>Well-Being-Aware Task Allocation and Scheduling in Flexible Manufacturing</i>                                                                        | <b>Alfaima Solano Blanco</b> (Eindhoven University of Technology)<br><i>Agricultural operations planning for diverse farming</i>                                                                     | <b>Selin Hülagü</b> (VU Amsterdam)<br>TBA                                                                                                                                                               |

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|               | Systems                                                                                                             | <i>systems: a resource constrained scheduling and routing problem</i> |  |
| 16:00 – 16:15 | Break                                                                                                               |                                                                       |  |
| 16:15 – 17:00 | <b>Plenary Keynote</b>                                                                                              |                                                                       |  |
|               | <b>Lissa Melis</b> (Maastricht University)<br><i>Beyond Uber: From On-Demand Bus Routing to Integrated Mobility</i> |                                                                       |  |
| 17:00 – 19:00 | Dinner                                                                                                              |                                                                       |  |