## Wednesday, 21 September

<table>
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<tr>
<th>Time</th>
<th>Session/Activity</th>
<th>Chair(s)</th>
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<tbody>
<tr>
<td>9am</td>
<td><strong>HICL 2022 Opening</strong></td>
<td>Prof. Wolfgang Kersten; Prof. Carlos Jahn; Prof. Thorsten Blecker; Prof. Christian Ringle</td>
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<tr>
<td>9:15am</td>
<td><strong>Welcome Keynote</strong></td>
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<tr>
<td>10am</td>
<td><strong>Hybrid order picking systems for resilient and sustainable warehouse logistics</strong></td>
<td>Prof. Matthias Klumpp (1), Dominic Loske (2), Thede Baumann (3)</td>
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<tr>
<td>10:30am</td>
<td><strong>Coffee Break</strong></td>
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<td>10:30am</td>
<td><strong>Session 1: Innovation and Technology Management</strong></td>
<td>Chaired by: Ms. Hannah-Deborah Harbich</td>
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<td>10:30am</td>
<td><strong>Comparing Manual and Automated Production and Picking Systems</strong></td>
<td>Mr. Cristian Bitterling, Mr. Jonas Koreis, Mr. Dominik Loske, Prof. Matthias Klumpp</td>
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<td>10:45am</td>
<td><strong>Drone based Delivery System: Restrictions and Limitations</strong></td>
<td>Mr. Azamat Seidakhmetov, Dr. Omid Fatahi-Valilai</td>
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<td>11am</td>
<td><strong>Digital transformation of planning in the pharmaceutical sector</strong></td>
<td>Ms. ANA JIMÉNEZ, Ms. Ingrid Carrillo, Ms. Angie Colorado, Ms. Maria Fernanda Durán, Prof. Andres Felipe Santos</td>
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<td>11:15am</td>
<td><strong>Topic-related discussion round</strong></td>
<td>Mrs. / Mr. HICL Chair</td>
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**Hamburg International Conference of Logistics 2022 21 - 23 Sep 2022 All times in CEST**

**Wednesday, 21 September**

12:45pm  
**Session 2: City Logistics**  
Chaired by: Mr. Nicolas Rückert

12:45pm  
**Sustainable urban logistics concepts – a collaborative design approach considering stakeholder perspectives**  
» Mr. Robert Teschendorf, Mr. Maximilian Engelhardt, Prof. Birte Malzahn, Mr. Markus Husemann, Prof. Christian Butz, Prof. Stephan Seeck

1pm  
**Guidelines for transferring sustainable urban logistics concepts**  
» Mr. Leon Klose, Mrs. Anne Beckmann, Mrs. Stephanie Ihlenburg, Dr. Raphael Preindl, Prof. Frank Straube

1:15pm  
**Sustainability in urban logistics – a literature review**  
» Mr. Giovanni Garola, Dr. Arianna Seghezzi, Dr. Chiara Siragusa, Dr. Riccardo Mangiaracina

1:30pm  
**Topic-related discussion round**  
» Mrs. / Mr. HICL Chair

**Thursday, 22 September**

9am  
**Session 1: Artificial Intelligence and Blockchain**  
Chaired by: Mr. Johannes Schnelle

9am  
**Workload Forecasting of a Logistic Node Using Bayesian Neural Networks**  
» Mr. Emin Nakilcioğlu, Ms. Anisa Rizvanoli, Mr. Olaf Rendel

9:15am  
**Preliminary Analysis on Data Quality for ML Applications**  
» Mr. Lorenz Kiebler, Mr. Nikolas Moroff, Mr. Jens Jakob Jacobsen

9:30am  
**Critical Evaluation of LOCO dataset with Machine Learning**  
» Mr. Recep Savas, Dr. Johannes Hinckeldeyn

9:45am  
**Smart Orders as a new instrument for production control**  
» Mr. Devis Bartsch, Prof. Herwig Winkler

10am  
**Topic-related discussion round**  
» Mrs. / Mr. HICL Chair

9am  
**Session 1: Maritime Logistics**  
Chaired by: Mr. Stephan Krüger

9am  
**Virtual Reality Training for Firefighting Scenarios in the Maritime Sector**  
» Ms. Michaela Graefelmann, Mr. Philipp Braun, Mr. Felix Gill, Mr. Hauke Stolz, Dr. Johannes Hinckeldeyn, Ms. Ann-Kathrin Lange

9:15am  
**Prevailing Technologies and Adoption Obstacles in Maritime Logistics**  
» Ms. Annika Wohlleber, Mr. Christopher Münch, Prof. Evi Hartmann

9:30am  
**Marine Communication for Shipping: Using Ad-Hoc-Networks at Sea**  
» Ms. Neermegha Mishra, Mr. Marvin Kastner, Prof. Carlos Jahn

9:45am  
**Assessing Offshore Wind Farms Collision Risks using AIS data: An Overview**  
» Mr. Jürgen Weigell, Prof. Carlos Jahn

10am  
**Topic-related discussion round**  
» Mrs. / Mr. HICL Chair

10:15am  
**Coffee Break**  
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10:45am  
**Session 2: Supply Chain Risk and Security Management**  
Chaired by: Ms. Meike Schröder
### Friday, 23 September

#### 9am
**Session 1: Innovation and Technology Management**  
Chaired by: Mrs. Birgit von See  
- **Analysis of Potential Benefits and Maturity Level of Digital Procurement**  
  » Mr. Sascha Stradner, Dr. Uwe Brunner  
- **Auction Design in Strategic Freight Procurement**  
  » Mr. Marius Dellbrügge, Mr. Tim Brilka, Mr. Felix Kreuz, Prof. Uwe Clausen  
- **Digitalization of Rail Freight Transport**  
  » Mr. Paul Gerken, Prof. Herbert Walter Kotzab, Mr. Lennard Blumenstein, Mr. Franz Buse, Mr. Nils von Euen, Mr. Kevin Mucker, Ms. Laura Zöllner  

#### 9:45am
**Topic-related discussion round**  
» Mrs. / Mr. HICL Chair

#### 9am
**Session 1: Sustainability**  
Chaired by: Mr. Jonas Fuchs  
- **Can deficiencies in Scope 3 Carbon Accounting be overcome?**  
  » Ms. Hannah-Deborah Harbich  
- **Possible Impacts of the European Green Deal on Turkey’s Logistics Industry**  
  » Dr. Fatih Cura, Dr. Sercan Demir  
- **Sustainable Last Mile Delivery Network using Social Media Data Analytics**  
  » Ms. Ange-Marie Tuyishime, Dr. Omid Fatahi-Valilai  

#### 9:45am
**Topic-related discussion round**  
» Mrs. / Mr. HICL Chair

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### Continued from Friday, 23 September

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<td>Mr. Jürgen Weigell</td>
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<td><strong>Outlier detection in Data Mining: Exclusion of errors or loss of information?</strong></td>
<td>Mr. Florian Hochkamp, Prof. Markus Rabe</td>
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<td><strong>Object Detection in Picking - Handling variety of a warehouses articles</strong></td>
<td>Mr. Mathias Rieder, Mr. Marius Breitmayer</td>
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<td><strong>Supply Ecosystems and The Concept of Resilience – A Literature Review</strong></td>
<td>Mr. Christopher Münch, Mr. Emanuel Marx</td>
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<td>Sven Reimers</td>
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<td><strong>Smart contract from a value perspective</strong></td>
<td>Dr. Ettore-William Di-Mauro</td>
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<td><strong>Framework for the Adoption of Blockchain in Maritime Cold Chains</strong></td>
<td>Mr. Johannes Schnelle, Ms. Meike Schröder, Prof. Wolfgang Kersten</td>
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<td><strong>Industrial Contribution</strong></td>
<td>Jochen Moesslein</td>
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<td>12:15pm</td>
<td><strong>Closing Keynote</strong></td>
<td>Prof. Heike Flämig</td>
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<td><strong>HICL 2022 Farewell</strong></td>
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