## Scientific Day

| Time<br>From Till        | Presenter                                       | Title of presentation  | Paper / Authors   | Presenter  | Presentation title  | Paper / Authors   |  |
|--------------------------|---|--|---|--|---|---|--|
| 12:00 12:30              |   | Registration   |   |  | •   | •   |  |
| <mark>12:30</mark> 12:40 |   | ens Schumacher, Uwe Clausen<br>versity of Applied Sciences, Fraunhofer IML   | Welcome   |  |   |   |  |
| 12:40 13:00              |   | Günther Horzetzky<br>onomics, Energy, Industry, SME, and Trade   | Opening & Key Note Speech   |  |   |   |  |
| <mark>13:00</mark> 13:20 |   | ang Yoon Seok, Florent Frederix<br>space University, European Commission   | Opening & Introduction to the sessions  |  |   |   |  |
|                          | SMART LOGISTICS; Session Chair: Chang Yook Seok |  |   |  | ssion Chair: Uwe Clausen  |   |  |
| 13:30 13:55              | 9   | Roadmap towards a smart logistics ecosystem  | W. J. (Wout) Hofman, H. J. M. (Harrie) Bastiaansen  | 4  | A Simulation-based Decision Support Framework for Real-<br>Time Supply Chain Risk Management  | Mustafa Güller, Emre Koc, Tobias Hegmanns, Michael Henke,<br>Bernd Noche                  |  |
| 13:55 14:20              | 2   | Cooperative Intelligent Transport Systems for freight<br>transport   | Evangelos Mitsakis, Josep Maria Salanova Grau, Georgia<br>Aifadopoulou, Evangelos Mintsis, George Tsoukos | Joachim Kochsiek                                   | Safety & Security in Land Transportation  | Invited Session   |  |
| 14:20 14:45              | 14  | Discrete Event Simulation as a Strategic Decision Instrument<br>for a CO2- and Cost-efficient Distribution Chain Applied in the<br>FMCG Sector | Markus Rabe, Mehmet Umut Sari, Till Fechteler, Luca<br>Fernando Ruini                                     | 12   | Risk Assessment Profiling Procedure (RAPP) for Air Cargo<br>Security  | Doron Levy, Yvonne Ziegler  |  |
| 14:45 15:10              | 7   | Decentralized Approach to Logistics Execution Monitoring in<br>Multi-actor Network   | Eetu Pilli-Sihvola, Antti Permala, Ville Hinkka, Oliver Klein,<br>Karri Rantasila                         | 6  | Emergency Sourcing Risk Mitigation Strategies for the Supply<br>Chain of a Discrete Part Manufacturer   | lakovou Eleftherios, Vlachos Dimitrios, Keramydas Christos,<br>Tsiolias Dimitris          |  |
| 15:10 15:30              | 15:30 Coffee Break                              |  |   |  |   |   |  |
|                          | INTEROPERABILITY AND CONTROL                    | ; Session Chair: Florian Maurer  |   | IT ARCHITECTURES; Session Chair: Bernhard Holtkamp |   |   |  |
| 15:30 15:55              | 16  | Interoperability in Supply Chain and Logistics. What can the<br>Common Framework offer? – A scientific evaluation                              | Hans Westerheim, Jannicke Baalsrud Hauge  | 10   | A Software Architecture for a Transportation Control Tower  | Anne Baumgraß, Remco Dijkman, Paul Grefen, Shaya<br>Pourmirza, Hagen Volze, Mathias Weske |  |
| 15:55 16:20              | 13  | Network Structures and Decentralized Control in Logistics:<br>Topology, Interfaces, and Dynamics   | Till Becker, Daniel Weimer, Jürgen Pannek   | 8  | Unleashing the ICT potential in the complex digital business<br>ecosystem of international trade: The case of fresh fruit<br>import to European Union | Thomas Jensen, Yao-Hua Tan, Arjan Knol, Niels Bjorn-<br>Andersen                          |  |
| <mark>16:20</mark> 16:45 | 18  | A Study on the ejecting zones for automatic picking system in<br>pharmaceutical industry   | N. U. Kim, Y. S. Chang, W. R. Kim, J. H. Kim, H. C. Choi  | 17   | A Study of building a New Warehouse Control System<br>Architecture  | D.W. Son, Y.S. Chang, H.C. Choi, W.R. Kim, A.G. Higuera                                   |  |
| 17:30 23:59              | Cultural Visit // Come Together Eve             | nt   |   |  |   |   |  |

| Industry Day  |  |   |  |   |  | 1   |   |   |   |
|---|--|---|--|---|--|---|---|---|---|
| Ti<br>From  | ime<br>Till  | Speaker Company Topic   |  | Tin<br>From   | ne<br>Till   | Speaker   | Company / Project   | Торіс   |   |
| 08:30 09:00 Registration  |  |   |  |   |  |   |   |   |   |
| Welcome & Introduction  |  |   |  |   |  |   |   |   |   |
| 09:00   | 09:05  | Jens Schumacher   | Vorarlberg University of Applied<br>Sciences   | Welcome, Introduction and Opening   |  |   |   |   |   |
| 09:05   | 09:10  | Uwe Clausen   | Fraunhofer Institute for Material<br>Flow and Logistics  | Welcome, Introduction and Opening   |  |   |   |   |   |
| 09:10   | 09:15  | Joost De Bock   | European Commission  | Welcome, Introduction and Opening   |  |   |   |   |   |
|   | Key Note Session<br>Moderator: Uwe Clausen   |   |  |   |  |   |   |   |   |
| 09:15   | 09:55  | Wolfgang Höfs   | European Commission  | Logistics and a digital economy and society   |  |   |   |   |   |
| 09:55   | 10:25  | Michael ten Hompel  | Fraunhofer Institute for Material<br>Flow and Logistics  | Internet of Things  |  |   |   |   |   |
| 10:25   | 10:50  | Fleur Breuillin   | European Commission,<br>DG Mobility & Transport (DG<br>MOVE)   | e-Freight – for more efficient and less costly freight transport  |  |   |   |   |   |
| 10:50   | 11:15  |   | Round Ta   | ble / Interactive Discussion  |  |   |   |   |   |
| 11:15   | 11:20  | Jens Schumacher   | Vorarlberg University of Appl.<br>Sciences   | Introduction to the parallel sessions   | j  |   |   |   |   |
| 11:20   | 11:45  | Coffee Break & booth  | presentation   |   |  |   |   |   |   |
|   |  |   |  | Parallel A  |  |   |   |   | Parallel B  |
|   |  |   | Intelligent Tran   | isport Systems - Intelligent Cargo  | Interactive Discussion: e-Freight and the Common Framework – the way forward |   |   |   |   |
|   |  | ·   |  | rator: German Herrerro  |  | Moderator: Fleur Breuillin  |   |   |   |
| 11:45   | 11:50  | German Herrerro   | ATOS Research  | Opening & Introduction  | 11:45  | 11:50   | Fleur Breuillin   | EU Commission, DG Move  | Opening & objective   |
|   |  |   |  |   |  |   |   |   |   |
| 11:50   | 12:15  | Christian Oestergaard   | Post Denmark   | An Integrated Production Model changes PostNord's needs of<br>Routeplanning & Scheduling  | 11:50  | 12:00   | Jan Tore<br>Pedersen  | MARLO   | Deepening into the Common Framework Approach: Common Framework,<br>what is it about ?   |
| 11:50<br>12:15  | 12:15<br>12:40   | Christian Oestergaard<br>Servet Balcioglu   | Post Denmark<br>ATOS Research  |   | 11:50<br>12:00   | 12:00<br>12:10  | Jan Tore  |   | Deepening into the Common Framework Approach: Common Framework,   |
| 12:15<br>12:40  | 12:40<br>13:05   |   | ATOS Research<br>Intellitrans AB   | Routeplanning & Scheduling Innovation in iCargo The Commercial Benefits of iCargo   | 12:00<br>12:10   | 12:10<br>12:20  | Jan Tore<br>Pedersen<br>Patrick Van de  | MARLO   | Deepening into the Common Framework Approach: Common Framework,<br>what is it about ?<br>Shipper's point of view<br>Freight Forwarder's point of view   |
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| 12:15           12:40           13:05           13:30           14:30           14:35           15:00           15:25                                 | 12:40<br>13:05<br>13:30<br>14:30<br>14:35<br>15:00<br>15:25<br>15:50                   | Servet Balcioglu<br>Kenneth Sherman<br>Lunch & booth presen<br>Jens Schumacher<br>Georgia Alfadopoulou<br>Margherita Forcolin<br>Jannicke Baalsrud                                  | ATOS Research<br>Intellitrans AB<br>Round Ta<br>tation<br>Transport Logistics & Mode<br>Vorarlberg University of Applied<br>Sciences<br>CERTH - Centre of Research and<br>Technology Hellas<br>CERTH - Centre for Technology &<br>Innovation Management<br>BIBA              | Routeplanning & Scheduling<br>Innovation in iCargo<br>The Commercial Benefits of iCargo<br>ble / Interactive Discussion<br>Supply Chain Inventions and Innovations<br>ration: Jens Schumacher<br>Opening & Introduction<br>Innovative business models in logistics<br>A bottom-up approach to meet the needs of the operators<br>and synergies with ALICE<br>Pathways to logistics innovation - challenges, barriers and opportunities:<br>How to get around the stones on the road to innovation uptake in<br>logistics? | 12:00<br>12:10<br>12:20<br>12:30<br>12:40<br>12:40                           | 12:10<br>12:20<br>12:40<br>13:30<br>13:30<br>13:30<br>15:00<br>15:50          | Jan Tore<br>Pedersen<br>Patrick Van de<br>Vywer<br>Andreas Pichler<br>Pieter Verbakel<br>Round Table / I<br>From g<br>Thorsten<br>Hülsmann<br>Andreas<br>Campagna<br>George Tsoukos | MARLO<br>3M<br>Gebrüder Weiss<br>tbc<br>NL customs<br>Interactive Discussion: the point of<br>cool ideas to good products and see<br>Mod<br>EffizienzCluster LogistikRuhr<br>University of Rome, Centre for<br>Transport and Logistics<br>TREDIT S. A.<br>Fraunhofer Institute for Material<br>Flow and Logistics | Deepening into the Common Framework Approach: Common Framework,<br>what is it about ?<br>Shipper's point of view<br>Freight Forwarder's point of view<br>Authority's / custom's point of view<br>view of several logistics players on potential benefits, challenges and any<br>rvices: ways of exploitation and commercialisation of R&D results<br>ferator: Thorsten Hülsmann<br>Opening & Introduction<br>Port-Hinterland development for containerized traffic<br>A cloud-based approach for efficient proof-of-delivery<br>Multimodal Promotion – Tool for intelligent bundling of transport flows |
| 12:15           12:40           13:05           13:30           14:30           14:35           15:00           15:25           15:50           16:15 | 12:40<br>13:05<br>13:30<br>14:30<br>14:35<br>15:00<br>15:25<br>15:50<br>16:15<br>16:30 | Servet Balcioglu<br>Kenneth Sherman<br>Lunch & booth presen<br>Jens Schumacher<br>Georgia Alfadopoulou<br>Margherita Forcolin<br>Jannicke Baalsrud<br>Hauge<br>(Short) Coffee Break | ATOS Research<br>Intellitrans AB<br>Round Ta<br>tation<br>Transport Logistics & Mode<br>Vorarlberg University of Applied<br>Sciences<br>CERTH - Centre of Research and<br>Technology Hellas<br>CERTM - Centre for Technology &<br>Innovation Management<br>BIBA<br>Round Ta  | Routeplanning & Scheduling<br>Innovation in iCargo<br>The Commercial Benefits of iCargo<br>ible / Interactive Discussion<br>Supply Chain Inventions and Innovations<br>ration: Jens Schumacher<br>Opening & Introduction<br>Innovative business models in logistics<br>A bottom-up approach to meet the needs of the operators<br>and synergies with ALICE<br>Pathways to logistics innovation- challenges, barriers and opportunities:<br>How to get around the stones on the road to innovation uptake in<br>logistics? | 12:00<br>12:10<br>12:20<br>12:30<br>12:40<br>12:40                           | 12:10<br>12:20<br>12:40<br>13:30<br>13:30<br>13:30<br>15:00<br>15:50          | Jan Tore<br>Pedersen<br>Patrick Van de<br>Vywer<br>Andreas Pichler<br>Pieter Verbakel<br>Round Table / I<br>From g<br>Thorsten<br>Hülsmann<br>Andreas<br>Campagna<br>George Tsoukos | MARLO<br>3M<br>Gebrüder Weiss<br>tbc<br>NL customs<br>Interactive Discussion: the point of<br>cool ideas to good products and see<br>Mod<br>EffizienzCluster LogistikRuhr<br>University of Rome, Centre for<br>Transport and Logistics<br>TREDIT S. A.<br>Fraunhofer Institute for Material<br>Flow and Logistics | Deepening into the Common Framework Approach: Common Framework,<br>what is it about ?<br>Shipper's point of view<br>Freight Forwarder's point of view<br>Authority's / custom's point of view<br>view of several logistics players on potential benefits, challenges and any<br>rvices: ways of exploitation and commercialisation of R&D results<br>ferator: Thorsten Hülsmann<br>Opening & Introduction<br>Port-Hinterland development for containerized traffic<br>A cloud-based approach for efficient proof-of-delivery<br>Multimodal Promotion – Tool for intelligent bundling of transport flows |
| 12:15           12:40           13:05           13:30           14:30           14:35           15:00           15:25           15:50                 | 12:40<br>13:05<br>13:30<br>14:30<br>14:35<br>15:00<br>15:25<br>15:50<br>15:50          | Servet Balcioglu<br>Kenneth Sherman<br>Lunch & booth presen<br>Jens Schumacher<br>Georgia Alfadopoulou<br>Margherita Forcolin<br>Jannicke Baalsrud<br>Hauge<br>(Short) Coffee Break | ATOS Research Intellitrans AB Round Ta tation Transport Logistics & 1 Mode Vorarlberg University of Applied Sciences CERTH - Centre of Research and Technology Hellas CeTIM - Center for Technology & Innovation Management BIBA Round Ta as Shoe Factory" or "IKEA European | Routeplanning & Scheduling<br>Innovation in iCargo<br>The Commercial Benefits of iCargo<br>ible / Interactive Discussion<br>Supply Chain Inventions and Innovations<br>ration: Jens Schumacher<br>Opening & Introduction<br>Innovative business models in logistics<br>A bottom-up approach to meet the needs of the operators<br>and synergies with ALICE<br>Pathways to logistics innovation- challenges, barriers and opportunities:<br>How to get around the stones on the road to innovation uptake in<br>logistics? | 12:00<br>12:10<br>12:20<br>12:30<br>12:40<br>12:40                           | 12:10<br>12:20<br>12:40<br>13:30<br>13:30<br>13:30<br>15:00<br>15:50          | Jan Tore<br>Pedersen<br>Patrick Van de<br>Vywer<br>Andreas Pichler<br>Pieter Verbakel<br>Round Table / I<br>From g<br>Thorsten<br>Hülsmann<br>Andreas<br>Campagna<br>George Tsoukos | MARLO<br>3M<br>Gebrüder Weiss<br>tbc<br>NL customs<br>Interactive Discussion: the point of<br>cool ideas to good products and see<br>Mod<br>EffizienzCluster LogistikRuhr<br>University of Rome, Centre for<br>Transport and Logistics<br>TREDIT S. A.<br>Fraunhofer Institute for Material<br>Flow and Logistics | Deepening into the Common Framework Approach: Common Framework,<br>what is it about ?<br>Shipper's point of view<br>Freight Forwarder's point of view<br>Authority's / custom's point of view<br>view of several logistics players on potential benefits, challenges and any<br>rvices: ways of exploitation and commercialisation of R&D results<br>ferator: Thorsten Hülsmann<br>Opening & Introduction<br>Port-Hinterland development for containerized traffic<br>A cloud-based approach for efficient proof-of-delivery<br>Multimodal Promotion – Tool for intelligent bundling of transport flows |

| Andeersson     Andeersson       13:40     14:05       Hohmann     Identec Solutions AG       How the IDENTEC I-CHEM Active-RFID Solution Saves Time and Money for<br>Chemical Logistics Facilities by Managing Truck Traffic       14:05     14:05       14:05     14:05       14:05     14:05       14:05     14:05   | Industry Day 2 |       |  |                          |   |       |       |                      |                             |   |  |
|--|----------------|-------|--|--------------------------|---|-------|-------|----------------------|-----------------------------|---|--|
| Model         Same Number of Model         Overheige University Org. 2- Nitr Outcline)           000         90.5         Non-Number of Model         Same Number of Model         Non-Number of Model         Non-Numer of Model         Non-Number of Model  | From           | Till  |  | Company                  | Торіс   |       | 1     | Speaker              | Company                     | Торіс   |  |
| Interface       Advance       Advance       Advance         1005       0.05       Control       Control <t< td=""><td></td><td>:</td><td colspan="3">Jens Vorarlberg University of Applied Opening of Industry Day 2 - Introduction</td><td>:</td><td></td><td></td><td></td><td></td></t<>  |                | :     | Jens Vorarlberg University of Applied Opening of Industry Day 2 - Introduction |                          |   | :     |       |                      |                             |   |  |
| Image: second                         |                |       | Schumacher   |                          |   |       |       |                      |                             |   |  |
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| 04:00       04:00 <t< td=""><td>09:15</td><td>09:35</td><td></td><td>University of Nottingham</td><td>Social Responsibility: dilemmas and challenges for Supply Chains?</td><td></td><td></td><td></td><td></td><td></td></t<>   | 09:15          | 09:35 |  | University of Nottingham | Social Responsibility: dilemmas and challenges for Supply Chains? |       |       |                      |                             |   |  |
| 0013<br>10150.101<br>10160.102<br>10170.102<br>  | 09:35          | 09:55 |  | 0                        |   |       |       |                      |                             |   |  |
| Integration of the second se   | 09:55          | 10:15 | Politicians the the  |                          |   |       |       |                      |                             |   |  |
| Image: static                         | 10:15          | 10:35 |  | Roun                     | d Table / Interactive Discussion                                  |       |       |                      |                             |   |  |
| Image: Second                         | 10:35          | 10:55 | Coffee Break   |                          |   |       |       |                      |                             |   |  |
| Image: Instruction of the second                                  |                |       |  |                          | Parallel A  |       |       |                      |                             | Parallel B  |  |
| 11:00       11:00 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td colspan="4"></td></t<>  |                |       |  |                          |   |       |       |                      |                             |   |  |
| 11:1011:20Vereacher Grean Acrospace Control (UR)CO2(e) emissions along supply chains11:3011:15KonstantinopolouERICOERICOERICOIntroducing CO-GISTICS11:1011:2011:4011:4011:4011:4011:406ernán HerreroATOS ResearchATOS ResearchATO   | 10:55          | 11:00 | Moderator  | Fraunhofer IML           | Opening & Introduction  | 10:55 | 11:00 | Zeljko Jeftic        | IRU Projects                | Opening & Introduction                                  |  |
| 11.20       11.30 <t< td=""><td>11:00</td><td>11:20</td><td>Verena Ehrler</td><td>· · · · ·</td><td></td><td>11:00</td><td>11:15</td><td></td><td>ERTICO</td><td>Introducing CO-GISTICS</td></t<>  | 11:00          | 11:20 | Verena Ehrler  | · · · · ·                |   | 11:00 | 11:15 |                      | ERTICO                      | Introducing CO-GISTICS                                  |  |
| 11:40       12:00 <t< td=""><td>11:20</td><td>11:40</td><td></td><td></td><td>Ports and Terminals in the view of emissions</td><td>11:15</td><td>11:30</td><td>Germán Herrero</td><td>ATOS Research</td><td>Architecture</td></t<>   | 11:20          | 11:40 |  |                          | Ports and Terminals in the view of emissions                      | 11:15 | 11:30 | Germán Herrero       | ATOS Research               | Architecture  |  |
| 12:0         | 11:40          | 12:00 |  | Ecohubs, Kombi-Consult   | CO2 calculator for intermodal terminals                           | 11:30 | 11:45 | Ralf Willenbrock     | T-Systems                   | the CO-GISTICS services                                 |  |
| Instruction       Instruction <thinstruction< th=""> <thinstruction< th=""></thinstruction<></thinstruction<>  | 12:00          | 12:20 | David Rüdiger  |                          | Services  | 11:45 | 12:00 |                      |                             | The evaluation  |  |
| 12:40       12:45       5 min coffee break         12:40       12:45       5 min coffee break         12:40       12:45       12:45       12:50       ICT needs of SMEs in the Logistics and Transport industries<br>Moderator: Florent Frederix       Moderator: Florent Florent Frederix       Internet Florent Frederix       Internet Florent Florent Florent Florent Florent Florent Florent FlorentFlorent Florent Florent Florent Florent Florent Florent   | 12:20          | 12:40 |  | Roun                     | d Table / Interactive Discussion                                  | 0.    |       | Walter Ukovich       |                             |   |  |
| Image: Instant of the control of th                                | 10.15          | 10.15 | <b>F</b>   |                          |   | 12:15 | 12:40 |                      | Round T                     | able / Interactive Discussion                           |  |
| Image: Second                                | 12:40          | 12:45 | 5 min coffee b   | геак                     |   |       |       |                      |                             |   |  |
| 12:45     12:45     12:45     12:45     12:45     Fernando Liesa     ENIDE     Opening & Introduction       12:45     13:15     13:40     David<br>Quesada     ENIDE     LogiCon: involving Freelance Truck Drivers and very small transport<br>operators in the logistics information flow     12:50     13:15     Rod Franklin     Kuehne Logistics University     The need for change in logistics operations       13:15     13:40     Lennat<br>Andersson     Trafikverket Sweden     How the IDENTEC I-CHEM Active-RFID Solution Saves Time and Money of<br>Chemical Logistics Facilities by Managing Truck Traffic     13:40     Stefano Persi     Enide     LogiCon: involving small and medium transport<br>operators in the logistics facilities by Managing Truck Traffic       13:40     14:05     Hohmann     Identec Solutions AG     How the IDENTEC I-CHEM Active-RFID Solution Saves Time and Money of<br>Chemical Logistics Facilities by Managing Truck Traffic     13:40     Andreas Nettsträtter     Fraunhofer IML     The role of new technology for logistics operations       13:40     14:05     14:05     14:05     14:05     14:05     14:05     Network     Enide     The role of new technology for logistics operations       14:00     Hohmann     Identec Solution SAG     How the IDENTEC I-CHEM Active-RFID Solution Saves Time and Money of<br>Chemical Logistics Facilities by Managing Truck Traffic     14:05     Andreas Nettsträtter     Fraunhofer IML     The role of new technology for logistics operations <td></td> <td></td> <td colspan="3"></td> <td></td> <td></td> <td colspan="4"></td>   |                |       |  |                          |   |       |       |                      |                             |   |  |
| 12:50       13:15       Quesada       ENIDE       operators in the logistics information flow       12:50       13:15       Rod Franklin       Kuehne Logistics University       The need for change in logistics operations         13:15       13:40       Lennart<br>Andersson       Trafikverket Sweden       RFID in Rail       13:15       13:40       Stefano Persi       Enide       LogiCon: involving small and medium transport operations         13:40       14:05       Hohmann       Identec Solutions AG       How the IDENTEC I-CHEM Active-RFID Solution Saves Time and Money for<br>Chemical Logistics Facilities by Managing Truck Traffic       13:40       14:05       Andreas Nettsträtter       Fraunhofer IML       The role of new technology for logistics operations         14:05       14:05       14:05       Technologistics Technologististics Technologistics Technologistics Technolog  | 12:45          | 12:50 |  | EU Commission            | Opening & Introduction  | 12:45 | 12:50 | Fernando Liesa       | ENIDE                       | Opening & Introduction                                  |  |
| 13:10       13:40       Andersson       I ratikverket Sweden       RHD in Rail       13:15       13:40       Stefano Persi       Ende       Logicin: involving small and medium transport operator         13:40       14:05       Hohmann       Identec Solutions AG       How the IDENTEC I-CHEM Active-RFID Solution Saves Time and Money for<br>Chemical Logistics Facilities by Managing Truck Traffic       13:40       Stefano Persi       Ende       Logicin: involving small and medium transport operator         13:40       14:05       Hohmann       Identec Solutions AG       How the IDENTEC I-CHEM Active-RFID Solution Saves Time and Money for<br>Chemical Logistics Facilities by Managing Truck Traffic       13:40       14:05       Andreas Nettsträtter       Fraunhofer IML       The role of new technology for logistics operations         14:05       14:05       14:05       14:05       14:05       14:05       Round Table / Interactive Discussion  | 12:50          | 13:15 |  | ENIDE                    |   | 12:50 | 13:15 | Rod Franklin         | Kuehne Logistics University | The need for change in logistics operations             |  |
| 13:40       14:05       Hohmann       Identec Solutions AG       Chemical Logistics Facilities by Managing Truck Traffic       13:40       14:05       Andreas Nettstratter       Fraunhofer IML       The role of new technology for logistics operations         14:05       14:30       14:30       14:05       14:05       14:05       Andreas Nettstratter       Fraunhofer IML       The role of new technology for logistics operations   | 13:15          | 13:40 |  | Trafikverket Sweden      |   | 13:15 | 13:40 | Stefano Persi        | Enide                       | LogiCon: involving small and medium transport operators |  |
|  | 13:40          | 14:05 | Hohmann  |                          | Chemical Logistics Facilities by Managing Truck Traffic           | 13:40 | 14:05 | Andreas Nettsträtter |                             |   |  |
| 14-30 14-45 Highlights / Summary of the 7th FCITL & Lunch Break / End of the 7th FCITL   | 14:05          | 14:30 | D Round Table / Interactive Discussion   |                          |   | 14:05 | 14:30 |                      | Round T                     | able / Interactive Discussion                           |  |
| 14.30 14.40 Infinition of the full control of concil the full control of the full cont | 14:30          |       |  |                          |   |       |       |                      |                             |   |  |