



## IntOP2018 (updated Nov 2 2018)

Day 1: November 6, 2018

10:00 10:30 Arrival/Reception

### Session 1 Opening

10:30	10:40	Welcome and introduction from EMMC	<i>Adham Hashibon (Fraunhofer IWM), Gerhard Goldbeck (Goldbeck Consulting)</i>
10:40	11:00	Welcome Address	<i>Dr. Chris Eberl (Deputy Director of Fraunhofer IWM)</i>

### Session 2 Marketplaces and interoperability as vehicles for Industry Commons

11:00	11:30	Automation, Data Driven and Machine Learning Methods in Computational Materials Design	<i>Alexander Konstandin (BOSCH)</i>
11:30	12:00	Manufacturing Industry Impulse - 2	<i>Adam Kowalski (Unilever)</i>
12:00	12:30	EC Vision, Industry Commons	<i>Anne de Baas (EC DG RTD NMBP)</i>
12:30	13:00	European Materials Modelling Marketplaces (Joint Presentation)	<i>Adham Hashibon (Fraunhofer IWM), Welchy Cavalcanti (Fraunhofer IFAM)</i>

13:00 14:00 Lunch Break

### Session 3 Collaborative spaces/ information systems for industry commons

14:00	14:25	Translation as a Practice: Understanding Industry Needs	<i>Rudy Koopmans (PIC)</i>
14:25	14:50	Products on Marketplace - SWO	<i>Mikail Stamatakis (UCL), Stan van Gisbergen (SCM)</i>
14:50	15:15	Towards an open simulation platform: building a modelling/simulation ontology starting from MODA	<i>Silvia Chiacchiera (STFC)</i>
15:15	15:40	Key challenges of future market places: Identification, interoperability and licensing of software modules	<i>Tobias Neumann (Nanomatch)</i>

15:40 16:15 Break

### Session 4 Data spaces/information systems for industry commons

16:15	16:40	Artificial Intelligence, Chemistry and Manufacturing Industries	<i>Teodoro Laino (IBM)</i>
16:40	17:05	Data Creation, Curation and Exploitation	<i>A. Nicholas Grundy (Thermocalc)</i>
17:05	17:30	Ontologies for Marketplaces	<i>Georg J. Schmitz (Micress), Martin Horsch (STFC)</i>
17:30	18:15	<b>Panel: Perspectives from end users and providers for the marketplaces, towards a Marketplace Standards Body</b>	<i>Chair tba</i>

### Session 5 Posters and Networking

18:15 20:15 Poster, networking, food, and drinks.

End of Day 1



## EMMC IntOP2018 – Draft Agenda

Day 2: November 7, 2018

### Session 6 Interoperability Foundations: from EMMO to EMO!

9:00	9:30	Strategies for digital transformation of materials science	<i>Tim Dahmen (DFKI)</i>
9:30	10:15	Towards a European Materials Ontology	<i>Emanuele Ghedini (Uni Bologna)</i>
10:15	10:30	Discussion	

10:30 11:00 Break

### Session 7 The Road to Practical Ontology

11:00	11:20	Ontology Applications	<i>Leopold Talirz (EPFL)</i>
11:20	11:40	VMAP – Virtual Material Modelling in Manufacturing	<i>Klaus Wolf (Fraunhofer SCAI)</i>
11:40	12:00	Model generation by ontology	<i>Heinz Preisig (NTNU)</i>

12:00 13:00 Lunch break

### Session 8 Special Surprise Presentation

13:00	13:45	The philosophers view	<i>Sebastiano Moruzzi (Uni Bologna)</i>
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### Session 9 Kick-off the Interest Group on the Nano-Materials-Processing-Manufacturing Ontology

13:45	14:15	Semantic assets and challenges of ontologies management	<i>Vasily Bunakov (STFC)</i>
14:15	14:45	The Interest Group on the Nano-Materials-Processing-Manufacturing Ontology	<i>Anne de Baas, Gerhard Golbeck</i>
14:45	15:15	Panel on Materials Ontology Interest Group and Governance	<i>Chair tba</i>

### Session 10 Looking forward...

15:15	15:30	Final remarks, Next steps and actions	<i>Anne de Baas, Gerhard Goldbeck, Adham Hashibon</i>
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