

# EMMC IntOP2018 – Draft Agenda

Day 1: November 6, 2018

10:00 10:30 Arrival/Reception

## Session 1: Opening

10:30 10:40 Introduction and welcome from EMMC *A. Hashibon, G. Goldbeck*

10:40 11:00 Opening talk *Dr. Peter Gumbsch Director of Fraunhofer IWM*

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

11:00 11:30 Manufacturing industry Impulse - 1 *Alexander Konstandind (BOSCH)*

11:30 12:00 Manufacturing industry Impulse - 2 *Adam Kowalski (Unilever)*

12:00 12:30 EC Vision, Industry Commons *Anne de Baas (EC DG RTD NMBP)*

12:30 13:00 European Materials Modelling Marketplaces

*A. Hashibon (Fraunhofer IWM), W. Cavalcanti (Fraunhofer IFAM)*

13:00 13:45 Lunch Break

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

13:45 14:10 Products on Marketplace - Translation, Training+Edu

*Kwang-Leong Choy (UCL), Ignacio Pagonabarraga (Uni Barcelona), Rudy Koopmans (PIC)*

14:10 14:35 Products on Marketplace - SWO

*Mikail Stamatakis (UCL), Stan van Gisbergen (SCM)*

14:35 15:00 Products on Marketplace - Modelling services

*Siliva Cacchiani (STFC)*

15:00 15:15 Break

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

15:15	15:40	Artificial Intelligence, Chemistry and Manufacturing Industries	<i>Teodoro Laino (IBM, Zürich)</i>
15:40	16:05	Thermodynamic databases: creation, curation and exploitation	<i>A.Nicholas Grundy (Thermocalc)</i>
16:05	16:30	Ontologies for Marketplaces	<i>Georg J. Schmitz and Martin Horsch</i>

16:30 16:45 Break

**Session 5**

**Panel 1**

*Chair TBA*

16:45 17:30 Perspectives from end users and providers for the marketplaces, towards a Marketplace Standards Body

**Session 6**

**Posters and Networking**

17:30 19:30 Poster, networking, food, and beer.

**End of Day 1**

## Day 2: November 7, 2018

### Session 7 Interoperability Foundations: from EMMO to EMO!

9:00	9:30	Strategies for digital transformation of materials science	<i>Tim Dahmen</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 (coffee and cake)

### Session 9 The Road to Practical Ontology

11:00	11:20	Ontology Applications	<i>Leoplod 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</i>

12:00 13:00 Lunch

**Session 10 Kick-off the Interest Group on the Nano-Materials-Processing-Manufacturing Ontology**

13:00 13:30 Semantic assets and challenges of ontologies management *Vasily Bunakov*

13:30 14:00 The Interest Group on the Nano-Materials-Processing-Manufacturing Ontology *Anne de Baas, Gerhard Golbeck*

14:00 14:30 **Panel on Materials Ontology Interest Group and Governance** *All Speakers*

**Session 11 Special *Surprise* Presentation**

14:30 15:15 The philosophers view *Sebastiano Moruzzi*

**Session 12 An end and a beginning**

15:15 15:30 Final remarks, Next steps and actions *Anne de Baas, G. Goldbeck, A. Hashibon*









