



European Materials Modelling Council Meeting

DRAFT AGENDA

Brussels, Wednesday 5th November 2014

Covent Garden, (only accessible accompanied by EC staff)

Plenary Meeting	
09:30 – 09:45	Introduction by Ms Clara de la Torre the Director Key Enabling Technologies: "Horizon2020 and its programme Leadership in Enabling and Industrial Technologies".
09:45 – 10:30	<p>Mr Christos Tokamanis, Head of Unit D3 Advanced Materials and Nanotechnologies: <i>EMMC Goals and governance structure</i></p> <p>Ms Nadja Adamovic: <i>Presentation of the EMMC and its WGs</i></p> <p>Ms Anne de Baas: <i>Status of collected needs in Europe:</i></p> <ul style="list-style-type: none">• <i>BDSS</i>• <i>Market Modelling Place (data repository, code repository, expertise matching,...)</i>• <i>Validation and Characterisation</i>• <i>Translators</i>• <i>Exploitation of academic software</i>• <i>Model development (electronic, atomistic, mesoscopic, continuum, coupling & linking, open simulation platform, hpc)</i>
Parallel Meetings	
10:30 – 12:00	<p>Parallel discussions in the following groups with their moderators:</p> <ol style="list-style-type: none">1. Manufacturers (Rudy Koopmans, Massimo Noro) <i>Industrial needs and requirements on materials modeling: What are the industrial specifications for a BDSS, MMP, validation, ...? Need for Translators</i>2. Software Owners (open source and proprietary) (Roger Assaker, Anders Blom) <i>What can exploitation of academically developed software look like? What can databases look like?</i>3. Translators (Peter Klein, Nicola Gramegna) <i>Creation of a new role: What can we do to generate a constituency of translators who use materials modelling in their research for industry?</i>4. Modellers (Pietro Asinari, Adham Hashibon) <i>Capabilities and possible EMMC activities: What can the EMMC do on top of existing activities? How to motivate modellers to make exploitable software?</i>

	<p><i>What can academics contribute to a data and code repository?</i></p> <p>Note this session is related to the EMMC WG electronic/atomistic/mesoscopic/continuum models/coupling and linking / open platform/interface material models-high performance computing / market model place/ business decision system/validation and characterisation</p>
12:00 – 12:45	Lunch (sandwiches will be provided in a separate room, only accessible accompanied by EC staff)
Plenary Meeting	
12:45-16:30	<p>Matching of the needs and capabilities of the different stakeholders <i>What can the EMMC do to coordinate the industrial use of materials modelling?</i></p> <p>Joint Discussion of</p> <ul style="list-style-type: none"> • Business Decision Support System • Translators • Exploitation of academic software • Data Repositories and Sharing between different subfields • Modelling Market Place • Model development (electronic, atomistic, mesoscopic, continuum, coupling & linking, open simulation platform, hpc) • Validation and Characterisation • Case studies <p>Need for a CSA and/or dedicated EU projects</p> <p>Outcome: List of activities for 2015 European industrial endorsement of the action plan of the EMMC</p>