

Program Meeting Materials - 13 December 2016

REGISTRATION

08.30 **Coffee & Registration**
Room: Event Hall meeting point

OPENING AND INTRODUCTION

09.30 **Rob Boom - Chair (M2i Senior Scientific Advisor)**
Opening
Room: Event Hall

09.45 **Ernst Südholter - Delft University of Technology**
Keynote In situ biofunctionalisation of micro ring resonators and its use in influenza detection
Room: Event Hall

10.15 **Julian Allwood - University of Cambridge**
Keynote
Room: Event Hall

COFFEE BREAK

10.45 **Coffee Break**
Room: Event Hall meeting point

THEME SESSIONS

	Track 1 Circular Economy boosting business, reducing waste <i>Room: 8</i>	Track 2 Materials for maritime and offshore constructions the effects of fatigue, abrasion and corrosion on materials <i>Room: 9-10</i>	Track 3 The astonishing future of 3D Printing <i>Room: 14AB</i>	Track 4 The unique properties of composite materials in emerging applications <i>Room: 12</i>
Session chair 11.00-11.30	Arnold Tukker, UV Leiden Jan-Henk Welink, Knowledge Platform Sustainable Resource Management	Mirek Kaminski, TUD Marcus Kremers, Airborne Oil & Gas Thermoplastic Composite Pipe: recent projects and future developments	Ian Richardson, TUD Ni Ya, M2i & RDM Makerspace Building a new feature with an old technique	Marnix van Gorp, BMC Joris Remmers, TU/e
11.30-12.00	Jan Tytgat, Umicore	Paula van Lieshout, TUD Multiaxial fatigue in welded joints of marine structures : State-of-the-Art and ways forward	Lorenzo Moroni, UM Additive Manufacturing in Regenerative Medicine	Nikhil Verghese, Sabic
12.00-12.30	Ardi Dortmans, TNO Circular Economy: Materials Meet Value Webs and Consumer Behavior.	Wim de Waele, UGent	Salomé Galjaard, Arup	Johan De Clippeleir, Covess Covess, the innovative composite tank technology provider

ELEVATOR PITCHES

12.30 **10 x Pitch SMEs (90 sec. per pitch)**
Room: Event Hall

LUNCH

13.00 **Lunch & Network session & stands SME**
Room: Event Hall meeting point

THEME SESSIONS

	Track 5 Packaging Applications <i>Room: 8</i>	Track 6 Next-generation manufacturing systems: key research issues in smart production and processing/combi Sensor <i>Room: 9-10</i>	Track 7 Binding (layered) materials, how to achieve the perfect marriage <i>Room: 12 (100 pers)</i>	Track 8 The role and use of functional coatings and surfaces for innovative applications (focus op semi-conductor industrie & <i>Room: 14AB (150 pers)</i>
Session chair 14.30-15.00	Hans van der Weijde, Tata Steel Daniel Bonn, UvA	Jan Post, Philips/RUG Tiedo Tinga, Twente University Smart Maintenance: linking material behaviour to sensor data	Irene Fernandez Villegas, TUD LR Hans Poulis, TUD Hechtingsinstituut How to obtain durable adhesive bonding: An introduction	Maria Loi, RUG Surface Measurement Systems
15.00-15.30	Steven Dijkstra, Tata Steel	TNO	Leo Kestens, UGent	Pascal Buskens, BMC/TNO en RWTH
15.30-16.00	Marco Brons, CUMAPOL	Albert Konter, M2i Advanced Simulation and control of tribology in metal forming Processes	Martijn Veltkamp, FiberCore Europe B.V. Steel and FRP: better than the sum of parts	Cees Bastiaansen, TU/e

COFFEE BREAK

16.00 **Coffee Break**
Room: Event Hall meeting point

PLENARY FINAL SESSION

16.15 **Albert Polman - University of Amsterdam**
Keynote
Room: Event Hall

DRINKS & CLOSURE

17.00 **Drinks & Closure**
Room: Event Hall meeting point