**DAY 1 - Monday, FEB 25, 2019**

**IMPERIAL BALL ROOM**

**1100 - 1245**

Registration (1100-1245) & Lunch (1200 - 1245)

**1300 - 1315**

Welcome and presentation of the European Materials Modelling Council by Nadja Adamovic (TU Wien, AT)

"European Commission: Activities in the Framework of Industrial Commons" by Anne de Baas (European Commission)

**1315 - 1330**

**Plenary Talk 1**

Materials modelling - A key enabler for the business
by Sandeep Namdeo (Airborne Oil & Gas, NL)

**1330 - 1400**

**SESSION 1**

Bridging physics-based and data-driven modelling
Chair: Kersti Hermansson (UU, SE)

Impulse presentations each 15 min.

Impulse presentation #1
by Bart Rijksen (DOW Benelux, NL)

Impulse presentation #2
by Signe Riemer-Sørensen (SINTEF Digital, NO)

**1400 - 1430**

**SESSION 2**

Digital Transformation of Materials R&D
Chair: Georg J. Schmitz (ACCESS, DE)

Impulse presentations each 15 min.

Impulse presentation #1
by Benedikt Ziebarth (Schott AG, DE)

Impulse presentation #2
by Nadezhda N. Kiselyova (Russian Academy of Sciences, RU)

Impulse presentation #3
by Egon Willighagen (Maastricht University, NL)

**1445 - 1630**

Coffee Break

**SESSION 3**

Towards the Translator as a key professional
Chair: Denka Hristova-Bogaerds (DPI, NL)

Impulse presentations each 15 min.

Impulse presentation #1
by Ronan Le Goff (IPC, FR)

Impulse presentation #2
by Yuri Kadin (SKF Research & Technology development, NL)

Impulse presentation #3
by B.P. Gautham (TCS Research, IN)

Impulse presentation #4
by Klaus Wolf (Fraunhofer SCAI, DE)

Impulse presentation #5
by Adham Hashibon (Fraunhofer IWM, DE)

**1630 - 1700**

**SESSION 4**

Verification and validation as tools for promoting discrete models in industry
Chair: Roy Chantrell (UoY, UK)

Impulse presentations each 15 min.

Impulse presentation #1
by David Cebon (Granta Design, UK)

Impulse presentation #2
by Jean-Francois Imbert (SIMconcept Consulting, FR)

**1700 - 1845**

**SESSION 5**

Open Modelling Frameworks
Chair: Emanuele Ghedini (University of Bologna, IT)

Impulse presentations each 15 min.

Impulse presentation #1
by B.P. Gautham (TCS Research, IN)

Impulse presentation #2
by Klaus Wolf (Fraunhofer SCAI, DE)

Impulse presentation #3
by Adham Hashibon (Fraunhofer IWM, DE)

**1845 - 1900**

Plenary Talk 2
Beyond the Models: Applying Semantic Technologies Across the Enterprise
by Eric Little (OSTHUS, US)

**1900 - 2000**

**SESSION 6**

Translation for and by SMEs
Chair: Jesper Friis (SINTEF, NO)

Impulse presentations each 15 min.

Impulse presentation #1
by Amit Bhave (CMCL Innovations, UK)

Impulse presentation #2
by Nicola Gramegna (Enginsoft S.p.A., IT)

**IMPERIAL BALL ROOM**

**1000 - 1015**

Coffee Break

**1015 - 1100**

**SESSION 7**

The nanoporous materials genome in action
by Berend Smit (EPFL, CH)

**1100 - 1200**

**SESSION 8**

Technology Infrastructure to support Advanced Materials: Economic Analysis of Needs and Opportunities
by Ben Anderson (RTI, US)

**1200 - 1245**

Lunch (1200 - 1245)

**IMPERIAL BALL ROOM**

**1300 - 1315**

**Plenary Talk 3**

The nanoporous materials genome in action
by Berend Smit (EPFL, CH)

**1315 - 1330**

**Plenary Talk 4**

Technology Infrastructure to support Advanced Materials: Economic Analysis of Needs and Opportunities
by Ben Anderson (RTI, US)

**1330 - 1400**

**SESSION 9**

Verification and validation as tools for promoting discrete models in industry
Chair: Roy Chantrell (UoY, UK)

Impulse presentations each 15 min.

Impulse presentation #1
by David Cebon (Granta Design, UK)

Impulse presentation #2
by Jean-Francois Imbert (SIMconcept Consulting, FR)

**1400 - 1430**

**SESSION 10**

Open Modelling Frameworks
Chair: Emanuele Ghedini (University of Bologna, IT)

Impulse presentations each 15 min.

Impulse presentation #1
by B.P. Gautham (TCS Research, IN)

Impulse presentation #2
by Klaus Wolf (Fraunhofer SCAI, DE)

Impulse presentation #3
by Adham Hashibon (Fraunhofer IWM, DE)

**1445 - 1630**

Coffee Break

**SESSION 11**

Towards the Translator as a key professional
Chair: Denka Hristova-Bogaerds (DPI, NL)

Impulse presentations each 15 min.

Impulse presentation #1
by Ronan Le Goff (IPC, FR)

Impulse presentation #2
by Yuri Kadin (SKF Research & Technology development, NL)

Impulse presentation #3
by B.P. Gautham (TCS Research, IN)

Impulse presentation #4
by Klaus Wolf (Fraunhofer SCAI, DE)

Impulse presentation #5
by Adham Hashibon (Fraunhofer IWM, DE)

**1630 - 1700**

**SESSION 12**

Beyond the Models: Applying Semantic Technologies Across the Enterprise
by Eric Little (OSTHUS, US)

**1700 - 1845**

**SESSION 13**

Translation for and by SMEs
Chair: Jesper Friis (SINTEF, NO)

Impulse presentations each 15 min.

Impulse presentation #1
by Amit Bhave (CMCL Innovations, UK)

Impulse presentation #2
by Nicola Gramegna (Enginsoft S.p.A., IT)
### DAY 2 - Tuesday, FEB 26, 2019

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<td>1015 - 1200</td>
<td>SESSION 7</td>
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<td>Coupling &amp; Linking of models towards industrial needs</td>
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<td>Chair: Pietro Asinari (POLITO, IT)</td>
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<td>Impulse presentation #1 by Kwang-Ryeol Lee (KIST, KR)</td>
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<td>Impulse presentation #2 by Ludovic Briquet (Johnson Matthey, UK)</td>
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<td>Impulse presentation #3 by Dimitris Kintsis (EPFL-ICT, CH)</td>
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<td>Impulse presentation #1 by Toshihiro Ashino (TOYO Univ., JP)</td>
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<td>Impulse presentation #2 by Emanuele Ghedini (University of Bologna, IT)</td>
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<td>1200 - 1300</td>
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<td>International Materials Ontology</td>
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<td>Chair: Gerhard Goldbeck (GCL, UK)</td>
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<td>Impulse presentation #1 by Andries Engstrom (Thermo-Calc, SE)</td>
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<td>1415 - 1600</td>
<td>SESSION 10</td>
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<td>Marketplaces: emerging business opportunities and impact on digital society</td>
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<td>Chair: Donna Dykeman (Granta, UK)</td>
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<td>Impulse presentation #1 by Takuya Kadohira (NIMS, JP)</td>
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<td>Impulse presentation #3 by Raimund Bröchler (INTRANOS IT, LU)</td>
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<td>1600 - 1620</td>
<td>Coffee break</td>
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<td>1620 - 1805</td>
<td>Conclusion Workshops as Podium discussion Part 1 (Sessions 1-12)</td>
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<td>1810 - 1855</td>
<td>SESSION 11</td>
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<td>Progress in the Industrial Deployment of Materials Modelling Software</td>
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<td>Chair: Ertich Wimmer (MDS, FR)</td>
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<td>Impulse presentation #3 by Stan van Gisbergen (SCM, NL)</td>
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<td>1930 - 2230</td>
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### DAY 3 - Wednesday, FEB 27, 2019

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<td>0900 - 0930</td>
<td>Plenary Talk 5</td>
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<td>Collaborate for Faster Innovation with the 3DExperience Platform</td>
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<td>by Barbara Holtz (Dassault Systemes, UK)</td>
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<td>0930 - 1000</td>
<td>Plenary Talk 6</td>
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<td>Deploying Materials Modeling in Industry - Successes and Challenges</td>
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<td>by Mike Haverty (Applied Materials, US)</td>
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<td>1000 - 1015</td>
<td>Coffee break</td>
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| 1015 - 1200     | SESSION 13 Innovation hubs: foundations of modelling services  
Chair: Georg J. Schmitz (ACCESS, DE)  
Impulse presentation #1 by Leopold Tallirz (EPFL, CH)  
Impulse presentation #2 by Stephan Hojda (RWTH Aachen University, DE)  
Impulse presentation #3 by Esther Hurtös (EURECAT-FormPlanet Test Bed, ES)  
Impulse presentation #4 by Borek Patzak (Czech Technical University in Prague, CZ) | SESSION 14 Business Models for Materials Modelling Software  
Chair: Alexandra Simperfer (GCL, UK)  
Impulse presentation #1 by Hans Fraaije (Culgi, NL)  
Impulse presentation #2 by Thomas Schrefl (Danube University Krems, AT)  
Impulse presentation #3 by Zlatan Stanojevic (Global TCAD Solutions GmbH, AT) | SESSION 15 Business Decision Support Systems (BDSS): from concept to implementation  
Chair: Glenn Jones (Johnson Matthey, UK)  
Impulse presentation #1 by Adham Hashibon (Fraunhofer IWM, DE)  
Impulse presentation #2 by Salim Belouettar (LIST, LU) |
| 1200 - 1300     | Lunch                                                   |                                                              |                                                              |
| 1300 - 1445     | SESSION 16 Innovation hubs: next generation collaboration and services on marketplaces  
Chair: Natalia Konchakova (HZG, DE)  
Impulse presentation #1 by Marco Sebastianni (Roma Tre University, IT)  
Impulse presentation #2 by Alejandro Strachan (Purdue University, US) | SESSION 17 Open source and commercial software for Industrial Deployment of Materials Modelling Software  
Chair: Kurt Stokbro (Synopsys, DK)  
Impulse presentation #1 by Georg Kresse (University Vienna, AT)  
Impulse presentation #2 by Mike Haverty (Applied Materials, US)  
Impulse presentation #3 by Laurent Adam (e-Xstream engineering, BE) | SESSION 18 Increasing the adoption of materials modelling with SMEs  
Chair: Amit Bhave (CMCL Innovations, UK)  
Impulse presentation #1 by Katelyn Madislavleva (Datastories, BE)  
Impulse presentation #2 by Welchy Leite Cavalcanti (Fraunhofer IFAM, DE)  
Impulse presentation #3 by Donna Dykeman and Davide Di Stefano (GRANTA, UK) |
| 1445-1600       | Conclusion Workshops as Podium discussion Part 2 (Sessions 13-18) |                                                              |                                                              |
| 1600-1615       | Recommendations of the Industrial Advisory Board (IAB) to the EMMC |                                                              |                                                              |
| 1615-1630       | Conclusion and Goodbye by Nadja Adamovic (EMMC Chair, TU Wien, AT) |                                                              |                                                              |
| 1630-1700       | Coffee & Cake                                          |                                                              |                                                              |