



Workshop Agenda

Digital transformation of advanced materials R&I

15 September 2023, 10:00 - 16:00, Online

10:00-10:10	Welcome and introduction <i>Peter Dröll, Director Prosperity, DG Research and Innovation</i>
Innovative platforms for the design of advanced materials <i>Moderator: Jürgen Tiedje, Head of Unit Industrial Transformation, DG Research and Innovation</i>	
10:10-10:30	The Platform Material Digital in Germany. <i>Prof. Peter Gumbsch, Director, Fraunhofer-Institute for Mechanics of Materials IWM; Dr. Tilmann Hickel, Head of Division Materials Informatics, Federal Institute of Materials Research and Testing BAM, Group Leader, Max-Planck-Institute for Steel Research MPIE</i>
10:30-10:50	The DIADEM initiative in France. <i>Dr. Mario Maglione, Senior Scientist Institute for Condensed Matter Chemistry of Bordeaux ICMCB-CNRS, University Bordeaux</i>
10:50-11:10	BIG-MAP – Battery Interface Genome – Materials Acceleration Platform. <i>Prof. Tejs Vegge, Head of Section for Autonomous Materials Discovery, Technical University of Denmark</i>
11:10-11:30	Questions & Answers
Advantages of data exploitation <i>Moderator: Sophia Fantechi, Policy Officer Industrial Transformation Unit, DG Research and Innovation</i>	
11:30-11:50	Advances in AI methods, applications and case studies for advanced materials R&I. <i>Prof. Stefano Bianchini, Data Science & Innovation Economics, Bureau of Theoretical and Applied Economics BETA, University of Strasbourg</i>
11:50-12:10	Towards a European Materials Commons to accelerate advanced materials R&I: concept and examples. <i>Michela Magas, Chair, Industry Commons Foundation</i>
12:10-12:30	Questions & Answers
12:30-13:15	Lunch break
Advantages of data sharing <i>Moderator: Javier Sanf�elix, Policy Officer Industrial Transformation Unit, DG Research and Innovation</i>	
13:15-13:30	European Open Science Cloud. <i>Michel Schouppe, Senior Expert, Team Leader, Open Science and Research Infrastructures Unit, DG Research and Innovation</i>
13:30-13:45	European Common Data Spaces. <i>Federico Milani, Deputy Head of Unit Data Policy and Innovation, DG Connect</i>
13:45-14:05	Gaia X / Catena-X. <i>Dr. J�rgen Schmelting, Head of Department Logistics, Fraunhofer-Institute for Software and Systems Engineering ISST</i>
14:05-14:25	Digitalisation of advanced materials along value chains: an enabler for the circular economy. <i>Prof. Karel Van Acker, Head of Sustainable Materials Processing and Recycling, Department Materials Engineering & Centre for Economics and Corporate Sustainability, KU Leuven</i>
14:25-14:50	Questions & Answers

Panel discussion	
<i>Moderator: Peter Dröll, Director Prosperity, DG Research and Innovation</i>	
14:50-15:45	<p><i>Prof. emer. Lars Montelius, Lund University, Chair AMI-2030, former DG of International Iberian Nanotechnology Laboratory INL</i></p> <p><i>Dr. Blanka Lenczowski, Senior Expert Material Technology, AIRBUS</i></p> <p><i>Miguel Ángel Rodiel, Projects and Technology Director, IMDEA Materials Institute. Coordinator, Advanced Materials and Nanomaterials Spanish Technological Platform – MATERPLAT</i></p> <p><i>Dr. Piotr Guzdek, Director, Łukasiewicz Institute of Microelectronics and Photonics</i></p>
15:45-16:00	Wrap up and conclusions