

Conference Language: English

Program

	Session	Chair
21.10.2024		
12:00 – 13:00	Registration & Welcome coffee	
13:00 – 13:30	Welcome and opening remarks (1) Peter Klein: OIP Project cooperation and scope of the conference (2) Anita Schöbel (Head of Fraunhofer ITWM) (3) Matthias Mieves (MoP, Digitalization Commission of German Bundestag)	Peter Klein
13:30 – 14:30	Keynotes (1) Innovative by Design! – Examples from the industry <i>Christians Seitz (BASF, ETP SusChem)</i> (2) Open innovation framework energy provision <i>S. Ravi P. Silva (Univ. Surrey)</i>	Heinz A. Preisig
14:30 – 16:00	OIP-Projects: Status report (30 min each) <ul style="list-style-type: none"> • MUSICODE Elefterios Ledorikis (Univ. Ionnina) • OpenModel Jesper Friis (SINTEF) • VIPCOAT Natalia Konchakova (Hereon) 	Salim Belouettar
16:00 – 16:30	Coffee break	
16:30 – 18:00	Unlocking hidden innovation potentials <ul style="list-style-type: none"> • AI and Data Analytics: Driving Innovation with L-DIH <i>Laurence Johannsen, German Castignani (AIDA Platform Team, LIST)</i> • Next-Gen Solid Oxide Fuel Cells: Semantic-Based Decision Support Platform (MEDIATE) <i>Hamidreza Dehghani (LIST), Thomas Wallmerspergern (TU Dresden), Heinz A. Preisig (NTNU), Sylvain Gouttebroze (SINTEF)</i> • Driving Innovation in Battery Production through Technical and Business Process Interoperability: BatCat Project <i>Jakub Lengiewicz (LIST), Peter Klein (Fraunhofer ITWM), Martin Thomas Horsch (NMBU), Salim Belouettar (LIST)</i> • Towards Interoperable Materials Data Spaces – Linked Data Schemas to connect Applications and People <i>Simon Stier (Fraunhofer ISC)</i> • Closing Remarks Laurence Johannsen, Hamidreza Dehghani & Jakub Lengiewicz 	Hamidreza Dehghani Laurence Johannsen
19:30 - 20:30	Social event: <i>Guided tour, Kaiserslautern historical city centre</i>	<i>registration required</i>
20:30 - 23:00	Unofficial get-together, dinner at “Rathaus Bar” (self-paid)	<i>registration required</i>
22.10.2024		
09:00 – 10:30	LCA and SSbD: role in open innovation processes <ul style="list-style-type: none"> • Enabling industry to make SSbD an innovation driver – the HORIZON-CL4-2023-RESILIENCE-01-23 Sister Projects <i>Thomas Exner(7p9)</i> • HORIZON-CL4-2023-RESILIENCE-01-21 Sister Projects <i>Helena Knopf-Marques (Spartha medical)</i> 	Martin T. Horsch

	<ul style="list-style-type: none"> The role of tribology to improve lifecycle sustainability of production processes and products <i>Amaya Igartua (TEKNIKER)</i> 	
10:30 – 11:00	Coffee break	
11:00 – 12:30	Implementation and regulatory view on open innovation <ul style="list-style-type: none"> Keynote Large Research Infrastructure in open innovation processes <i>Ennio T. Capria (ESRF)</i> Regulatory relevant R&I of Advanced Materials & Chemicals <i>Tommaso Serchi (LIST)</i> Open innovation Testbeds as DPP enablers <i>Franz Pirker (AC2T research GmbH)</i> Transforming Composite Development through DeeMa & SUMO's Decision Making Platforms <i>Borek Patzak (CTU), Salim Belouettar (LIST)</i> 	Dario Campagna
12:30 – 13:30	Lunch break & Photo	
13:30 – 15:45	OIP Demo-Session (45 min each) <ul style="list-style-type: none"> MUSICODE <i>Dario Campagna (ESTECO), Elefterios Ledorikis (Univ. Ionnina)</i> OpenModel <i>Jesper Friis (SINTEF)</i> VIPCOAT <i>Marko Horvat (WIKKI), Lisa Sahlmann (Hereon), Thomas Hagelien (SINTEF), Peter Klein (Fraunhofer ITWM)</i> 	Franz Pirker
15:45 – 16:15	Coffee break	
16:15 – 16:45	DPP demonstration by Codewerk GmbH.	Amaya Igartua
16:45 – 18:15	<ul style="list-style-type: none"> Poster Session Closing Remarks 	Daniel Höche
20:00 – 22:30	Conference dinner Brauhaus (Gartenschau)	<i>registration required</i>
23.10.2024		
09:00 – 09:30	Keynote: José C. Caldeira (INESC TEC and ETP MANUFUTURE)	Salim Belouettar
09:30-10:30	Connecting open innovation of materials with product manufacturing <ul style="list-style-type: none"> MEDISSA: Next Generation of IDEAL Solar Selective Absorbers through Combined Modelling and Experimentation <i>M. EL Hachemi (LIST) & O. Hassan (Univ. of Swansea, UK)</i> Challenges for web-based data integration: DOME 4.0 platform approach and a use case on materials data <i>Silvia Chiacciera, Noel Vizcaino (STFC)</i> Multiphysics simulation based data space and digital twin platform design for vanadium redox-flow batteries <i>Martin T. Horsch (NTNU)</i> 	Helena Knopf-Marques
10:30-11:00	Coffee break	
11:00-12:00	Panel discussion: DPP, ESPR, SSbD and future challenges in Open Innovation <i>Panelists:</i> <i>José C. Caldeira, Franz Pirker, Ennio di Capria, Thomas Exner, Hamidreza Dehghani, Dario Campagna</i>	Natalia Konchakova
12:00-12:15	Closing Remarks	Peter Klein
12:15-13:00	Light lunch	<i>registration required</i>

