## Programme Day 1

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| **11:40 I1** | page 1 | **Invited speaker: Natalia Konchakova (HEREON),** Peter Klein, Marko Horvat<br>Supporting the Green Digital Transition by Digitalizing Innovative Advanced Materials: VIPCOAT, DigiPass and IAM4EU |
| **14:00 O1** | page 3 | **Hernán Asorey (CIEMAT, Spain),** Enrique Ugedo-Egido, Antonio Juan Rubio-Montero, Stefan Wilbert, Luis F. Zarzalejo, Rafael Mayo-García<br>A digital framework for adoption FAIR principles and its implementation in the solar radiation field |
| **14:20 O2** | page 4 | **August Wierling (Western Norway University of Applied Sciences, Norway),** Valeria Jana Schwanitz<br>Demonstrating how energy data can comply with FAIR data principles avoiding large efforts and specialized skills by using csv on the web |
| **14:40 O3** | page 5 | **Kourosh Malek (FZ-Jülich, Germany),** Max Dreger, Michael Eikerling<br>Novel approaches in meta-data management and ontologies for clean energy materials |
| **15:00 O4** | page 6 | **Josua Vieten (ExoMatter, Germany),** M. Pein, K. Lee, M. Roeb, C. Sattler<br>Fast and efficient screening of materials for thermochemical energy storage on a novel materials informatics platform |
| **15:20 O5** | page 7 | **Massimo Celino (ENEA, Italy),** Sergio Ferlito, Simone Giusepponi, Francesco Buonocore, Sara Marchio<br>IEMAP: Italian Energy Materials Acceleration Platform |

## Programme Day 2

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| **9:00 O6** | page 8 | **Anja Bieberle-Hütter (DIFFER, the Netherlands)**<br>Multiscale modeling of electrochemical interfaces: Challenges and chances |
| **9:20 O7** | page 9 | **Viktor Mandrolko (Univ. Lorraine, France),** David Lacroix, Laurent Chaput, Mykola Isaiev<br>Understanding heat transport across functionalized silica water interface: insights from molecular dynamics simulations |
| **9:40 O8** | page 10 | **Nima E. Gorji (TU Dublin, Ireland)**<br>Multi-physics COMSOL Simulation of Five Heat Generation Factors |
| **10:00 O9** | page 11 | **Ainhoa Bustinza (CIC energiGUNE, Spain),** Icíar Monterrubio, Maha Ismail, Javier García, Evaristo Castillo, Joseba Orive, Maria Angeles Cabañero, Montse Casas-Cabanas, Javier Carrasco, Marine Reynaud<br>Development of automated high-throughput modules for accelerated discovery of new battery materials |
| **10:20 O10** | page 13 | **Theodoros Dimopoulos (AIT, Austria),** Maximilian Wolf, Stefan Edinger, Rachmat Adhi Wibowo<br>Solar cell performance characterization through combinatorial deposition and automatized I-V measurements and analysis |
| **11:00 I2** | page 2 | **Invited speaker: Anjuli Szawiola (NRCan, Canada),** Mark Kozdras<br>Training & knowledge dissemination: a case study in building international networks |
| **13:30 O11** | page 14 | **Supriya Nandy (VTT, Finland),** Zeb Akhtar, Kimmo Kaunisto, Marko Mäkipää, Tomi Lindroos, Janne Pakarinen<br>Automated defect detection workflow using SEM and ML algorithm: development towards self-driven materials design and innovation |

## Poster sessions