



NanoMECommons

“Harmonisation of EU-wide nanomechanics protocols and relevant data exchange procedures, across representative cases; standardisation, interoperability, data workflow”

(G.A. 952869)

1st Co-Creation Workshop

“Materials characterization challenges to support the industry transition in the digital era”

TeleConference - Zoom digital platform

13th December, 10:00 – 17:00 (CET)

Time	Subject	Presenter
10.00 – 10:15	Welcome, Introductory words, Opening of the Workshop agenda	Costas Charitidis Coordination Team NTUA (NanoMECommons, EMCC)
10:15 - 11:55	Session: Interoperability - Standardization - Harmonization	





<p>10:15 - 10:40</p>	<p>Can our communities find ways to compare “materials” so one could confidently say, when two specimens are identical?</p>	<p>Nikolaj Zangenberg, Miguel Banares</p> <p>DTI, CSIC</p> <p>(Easi-stress, CHARISMA)</p>
<p>10:40 - 11:05</p>	<p>Do our communities consider meso and nano materials in-depth?</p>	<p>Alan G. Ryder, Ioannis Kakogiannos</p> <p>NUIG, IRIS</p> <p>(Pat4Nano, NanoPAT)</p>
<p>11:05 -11:30</p>	<p>Directions in modern (4D) characterization to support emerging manufacturing challenges in Industry</p>	<p>Stergos Logothetidis, Argyris Laskarakis</p> <p>AUTH</p> <p>(Cornet, RealNano)</p>
<p>11:30-11.55</p>	<p>Make industry more confident; demonstration of the benefits of novel tools and concepts.</p>	<p>Ivana Toth, Xavier Borrás, Dirk Spaltmann, Mirco Kröll</p> <p>AC2T</p> <p>(i-TRIBOMAT)</p>
<p>11:55 - 12:20 Break</p>		
<p>12:20 -13:40 Session: Think Digital - entry to a new era</p>		



<p>12:20 – 12:50</p>	<p>Bringing digitalization of characterization closer to Industry needs - Make CHADA interoperable and machine readable</p>	<p>Marco Sebastiani, Costas Charitidis</p> <p>UNIROMA3, NTUA</p> <p>(EMCC, OYSTER, NanoMECommons)</p>
<p>12:50 – 13:15</p>	<p>MODA and CHADA; challenges and opportunities for integration and exploitation to industrial stakeholders beyond EU projects.</p>	<p>Gerhard Goldbeck, Nadja Adamovic, Malgorzata Celuch</p> <p>GCL, TU Wien, MTT-S</p> <p>(EMMC, Ontocommons)</p>
<p>13:15 – 13:40</p>	<p>Concepts/Objectives for Interoperability of characterization and integration to an Open Innovation Environment for discovering new knowledge</p>	<p>Gerhard Goldbeck, Pierluigi del Nostro, Yoav Naphson, Elias Koumoulos, Paris Varytis</p> <p>(IRES, FRAU, GCL)</p>
<p>13:40-14:30</p>	<p>Lunch Break</p>	
<p>14:30 -15:45</p>	<p>Session: Industrial Insights</p>	
<p>14:30 - 14:55</p>	<p>Industrial perspectives: challenges that are addressed with iCHADA, CHADA-MODA integration</p>	<p>Rui de Oliveira, Ferry Kienberger</p> <p>BASF, KEYS</p> <p>(NanoMECommons, NanoBAT)</p>



14:55-15:20	Evolution of materials in future vehicles: a new paradigm for the automotive components	Nello Li Pira CRF
15:20-15:45	Building an industry-driven “innovation ecosystem” through the establishment of platforms for characterisation	Donna Dykeman ANSYS
15:45-16:00	Break	
16:00 - 17:00	Session: Roundtable	
16:00 - 17:00	Open Discussion - Brainstorming	Moderated by: Bojan Boskovic
17.00	Closing of the Workshop	Coordination Team