

## Final Workshop program of M-era.NET project



Location: IPF Dresden, Hohe Str. 6, 01069 Dresden, Germany, Conference room

### Tuesday, 20 May 2025

<b>10.00 – 10.30</b>	<b>Arrival and coffee</b>
<b>10.45 - 11.15</b>	<b>Opening and Introduction of the "InsBIOration" project and members</b> <i>Dr. Cordelia Zimmerer, IPF Dresden, Germany</i>
<b>11.15 - 11.45</b>	<b>Synthesis of new analogues of dopamine and their polymers</b> <i>Prof. Jürgen Liebscher, National Institute for Research and Development of Isotopic and Molecular Technologies Cluj-Napoca, Romania</i>
<b>11.45 - 12.15</b>	<b>Pure metallic layers for bioelectronics and biosensing</b> <i>Dr. Konstantin Livanov, OrelTech GmbH, Germany</i>
<b>12.15 - 12.45</b>	<b>Polyphenol Synthesis and their Application: 1) Cathodes in Organic batteries, 2) Anti-pathogenic Surfaces and 3) Metallization of Plastics</b> <i>Dr. Klemen Pirnat, Department of Materials Chemistry, National Institute of Chemistry, Slovenia</i>
<b>12.45 - 13.45</b>	<b>Lunch break</b>
<b>13.45 - 14.15</b>	<b>Polydopamine Film Formation: A Perspective on Research at UTU</b> <i>Dr. Mikko Salomäki, University of Turku, Finland</i>
<b>14.15 - 14.45</b>	<b>Electrotriggered self-construction of polymeric films: new concept and application</b> <i>Prof. Fouzia Boulmedais, Université de Strasbourg, Institute Charles Sadron, France</i>
<b>14.45 - 15.30</b>	<b>Coffee break – Poster session</b>

## Wednesday, 21 May 2025

09.10 - 09.30	<b>Fabrication and characterization of thin polydopamine films for energy storage applications</b> <i>Majid Al-waeel, University of Turku, Finland</i>
09.30 - 10.00	<b>Recycling of Polymer Composites by Depolymerisation of the Interface</b> <i>Dr. Frank Simon, IPF Dresden, Germany</i>
10.00 - 10.20	<b>Bio-inspired polymer metallisation with the adhesion promoter dopamine and analogue</b> <i>Ronja Bodesheimer, IPF Dresden, Germany</i>
10.20 - 11.00	<b>Coffee break, Poster discussions</b>
11.00 - 11.20	<b>Plasma &amp; Corona - How, When, Where?</b> <i>Hans Christian Madsen, Tantec Vertrieb GmbH, Germany</i>
11.20 - 11.40	<b>Insights into recent developments in combined infrared absorption spectroscopy methods for the analysis of ultrathin polydopamine layers</b> <i>Elisabet Hauschild, IPF Dresden, Germany</i>
11.40 - 12.00	<b>Title - coming soon</b> <i>Dr. Alexander Knospe, Plasmatrete GmbH, Germany</i>
12.00 - 13.00	<b>Lunch break, Poster discussions</b>
13.00 - 14.20	<b>Surface Treatment of metal surfaces for various branches</b> <i>Dr. Ilya Ostrovsky, BASF Chemetall GmbH, Germany</i>
14.20 - 14.40	<b>Zeta potential measurements – a sensitive technique for the identification of functional groups on polymer surfaces</b> <i>Dr. Astrid Drechsler, IPF Dresden, Germany</i>



**M-era.Net**

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