



European Materials Research Society

2023 Spring Meeting May 29 | June 2

40th Anniversary

Congress & Exhibition Centre, Strasbourg, France

SYMPOSIUM 5

Entrepreneurial mindset in materials

Symposium Organizers:

Francesco MATTEUCCI , EIC-EISMEA

Johannes BÜNZ, EIC-EISMEA

Gian Marco RIGNANESE, University of Louvain, Belgium

Roberto GIANNANTONIO, University of Milan, Italy

Valeria NICOLOSI, Trinity College Dublin, Ireland

Entrepreneurial mindset in material

Thursday, 1st of June – EMRS

Morning session 10.00h – 12.30h

10.00 – 10.20 Francesco Matteucci – Introduction and EIC approach towards new materials

10.20 – 10.45 Rodrigo Martins – Eco Strategies for the next generation of electronics and energy green power sources – 20mins + 5 mins Q&A

10.45 – 11.05 Valeria Nicolosi – Example of scale-up of advanced materials – 15 mins + 5 min Q&A

11.05 – 11.25 Gian Marco Rignanese – Use of AI to design new advanced materials – 15mins + 5mins Q&A

11.25 – 11.40 Roberto Giannantonio – Example of scale up of advanced materials – 15mins + 5mins Q&A

11.40 – 12.00 Alessia Gennaro – What a VC wants: how to attract investment – 15mins + 5mins Q&A

12.00 – 12.20 Michele de Bastiani – From the lab to the field: the case of Mirai Solar – 15mins + 5mins Q&A

Lunch break

Afternoon session 14.30h – 16.30h

14.30 – 14.50 Stefano Linari – Nanowings: Nanocoatings for energy application scale-up

14.50 – 15.10 Giovanni Fevola – X-RAYS meet NEUTRONS meet IONS meet ELECTRONS meet LASERS meet MAGNETS: combined access to multiple facilities through EU project “ReMade@ARI”

15.10 – 15.30 Alla Kasakewitsch – Scale up of innovative nanostructured aluminum composites (EIC beneficiary)

15.30 – 15.50 Marco Bersani OR Riccardo Momoli – Advanced Functional Materials from Waste: Large Scale Production of High Quality Metal Oxide Nanopowders for a Closed-Loop Circular Process (EIC beneficiary)

15.50 – 16.10 Donia Fredj – EIC Accelerator beneficiary Dracula Technologies on their innovation journey

16.10 – 16.30 Manuel Merce – EIC Accelerator beneficiary Materrup on their innovation journey

16.30 Francesco Matteucci – last questions and closure

Posters:

1) Malletzidou Lamprini – An eco-friendly approach for the construction of wood-plastic composite of recycled HDPE enhanced with Hemp fibers

2) Mauro Moglianetti – From highly engineered platinum nanoparticles to a consumer product: the pathway that leads to market

3) Francesco Matteucci – EIC poster / roll-ups