



Italian National Agency for New Technologies,
Energy and Sustainable Economic Development

network of infrastructures
ex**treme**

Workshop on High Performance Materials

Brindisi (Italy), 6-7 December 2018

Programme Overview

Day One – December 6 th , Thursday – Palazzo Granafei Nervegna (Via Duomo, 20)	
8.30-17.30	Registration
9.00-11.00	Session 1 - National/international strategies on materials technologies
11.00-11.20	Coffee-break
11.20-13.00	Session 2 - The network of infrastructures EXTREME
13.00-14.30	Lunch
14.30-16.00	Session 3 - The Mediterranean Innovation Hub
16.00-16.20	Coffee-break
16.20-18.00	Session 4 - Other international projects/activities
18.00-19.30	Guided tour
20.00-22.30	Social Dinner

Day Two – December 7 th , Friday – ENEA research centre (S.S. 7 Appia, km 706)	
9.00-9.20	Gathering of participants for shuttle to ENEA research centre
9.00-17.30	Registration
9.40-11.30	Session 5 - ENEA Brindisi laboratories
11.30-11.45	Coffee-break
11.45-13.00	Session 6 – Other local organisations
13.00-14.30	Lunch
14.30-16.00	Session 7 – International and national SMEs / LEs
16.00-16.15	Coffee-break
16.15-17.30	Session 8 – Matchmaking / networking
17.30-18.00	Conclusion
18.00-18.15	Gathering of participants for shuttle back to Brindisi city centre / airport

Background and workshop description

About the Network of Infrastructures EXTREME

EXTREME is a project funded by the European Knowledge and Innovation Community (KIC) “EIT RawMaterials” (<https://eitrawmaterials.eu/>), which is the largest consortium in the raw materials sector worldwide, including more than 120 partners from industry, universities and research institutions from more than 20 EU countries. Through this project, the “**Network of Infrastructures EXTREME**” (<http://www.network-extreme.eu/>) has been established, coordinated by ENEA (Italian National Agency for New Technologies, Energy and Sustainable Economic Development) and made of 9 European partners, sharing their expertise, laboratories and advanced equipment, focused on the efficient use of materials under challenging conditions of temperature, wear, load, friction, corrosion, etc. Through this partnership, the network can offer support to enterprises, industries, and research and technology organisations operating in those technological sectors where such conditions are commonly reached, like transport, machining, energy, construction, etc.

About the workshop

The two-day “Workshop on High Performance Materials” will present technological advances and issues, from both the research and industrial point of view, related to high performance materials, components and devices, including different aspects related to their life-cycle, such as modelling and design, fabrication, characterization, functional tests, recovery and recycling, environmental assessment, etc.

Representatives of the KIC EIT RawMaterials, international scientific experts and companies will take part in the event. Institutional representatives at local, national and international level (representatives from the EC, ministries, region, province) are also invited, together with stakeholders in the Mediterranean area, in order to increase awareness on the issues covered by the workshop and evaluate new possible joint actions.

The workshop will be held on two different locations in Brindisi: Palazzo Granafei-Nervegna (a historic building in the city centre) and the ENEA research centre at Cittadella della Ricerca. During the second day, a visit to the ENEA laboratories will be also included.

More information

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- Michele Penza, Head of ENEA Laboratory SSPT-PROMAS-MATAS, michele.penza@enea.it
- <http://www.network-extreme.eu/news/workshop-on-high-performance-materials>