



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



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)	
10.00	<i>Registration and welcome coffee</i>
10.30-12.00	Session 1 – The strategies for innovation framing high performance materials
12.00-13.00	Session 2 – The Network of Infrastructures EXTREME
13.00-14.30	<i>Lunch</i>
14.30-16.30	<i>Session 2 – continuation</i>
16.30-18.00	Session 3 – The Mediterranean Innovation Hub
18.00-19.30	<i>Guided tour</i>
20.00-22.30	<i>Social Dinner</i>

Day Two – December 7 th , Friday – ENEA research centre (S.S. 7 Appia, km 706)	
9.15	<i>Shuttle bus to ENEA research centre</i>
9.30	<i>Registration</i>
9.30-11.30	Session 4 – ENEA Brindisi laboratories
11.30-13.00	Session 5 – ENEA international initiatives
13.00-14.00	<i>Lunch</i>
14.00-16.00	Session 6 – Strategies and projects of relevant industries and stakeholders
16.00-17.30	Session 7 – Matchmaking / networking
17.30	<i>Shuttle bus back to Brindisi city centre / airport</i>

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 consisting 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 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 are also invited, together with stakeholders in the Mediterranean area, in order to increase awareness on the issues covered by the workshop and its background and evaluate new possible joint actions.

The workshop will be held in 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 included.

More information

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