

NanoMaterials and BioMaterials for the next Decade

Pantelleria (Sicily), July, 5 - 7, 2017



The workshop

Nanomaterials, biomaterials / nano-biomaterials are gaining an increasing interest both in academia and industry. These are very promising materials for many applications and thousands of papers are published every year on new nano-, bio- and nanobiomaterials, their properties and possible applications. Nevertheless, the industrial use of these new materials is still modest and only a limited number of applications can be found.

This workshop will focus on the present state of knowledge and future direction of research on some promising nano-, bio- and nano-biomaterials with emphasis on their use in topical application areas of immediate interest and beyond.

End-use applications of the different types of materials, e.g. metals, polymers, ceramics, hybrids, will be covered within the sessions on **health, energy, microelectronics** and **environment**.

The Venue

Pantelleria Island (Sicily, Italy), July 5-7, 2017

Pantelleria is an Italian island in the Strait of Sicily in the Mediterranean Sea, 100 km (62 miles) southwest of Sicily and 60 km (37 miles) east of the Tunisian coast.

Pantelleria is known for its archeological sites and areas of natural beauty: the two large Pleistocene calderas, hot springs and fumaroles and an active hydrothermal system, as well as wonderful beaches and the blue sea. Pantelleria is noted for its sweet wines, Moscato di Pantelleria and Moscato Passito di Pantelleria, both made from the local Zibibbo grape. In 2014, the traditional agricultural practice of cultivating the 'vite ad alberello' (head-trained bush vines) of the community of Pantelleria was inscribed on the Representative List of the Intangible Cultural Heritage of Humanity of Unesco.

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