XIII INTERNATIONAL GEORAMAN CONFERENCE

The XIII International GeoRaman Conference was held 10–14 June 2018 in the wonderful city of Catania (Italy). The conference was organised by the University of Catania (Dipartimento di Scienze Biologiche Geologiche e Ambientali) and the University of Parma (Dipartimento di Scienze Matematiche, Fisiche e Informatiche). The aim of this GeoRaman conference was to provide a scientific forum to present and promote research on the application of Raman spectroscopy to the study of geological materials and processes.

The conference topic was interpreted in a broad sense, including mineralogy, petrology, archaeometry, exobiology, gemmology, forensics and the analysis of biological molecules. The following topics were covered: provenance studies, mineralogy and gemmology, petrology, field and experimental volcanology, geothermobarometry and fluid geochemistry, cultural heritage and archaeology, planetary analysis and space exploration, astrobiology, paleobiology, carbonaceous materials, biomineralisation and the environmental sciences, and forensic applications.

The conference was sponsored by the Societa Italiana di Mineralogia e Petrologia (SIMP), the European Mineralogical Union (EMU), TimeGate, Bruker, Renishaw, WITec, Cavallotto and Jasco. Four grants for young researchers were sponsored by SIMP, two such grants were sponsored by the EMU.

Some of the presentations will be published in a special issue of the Journal of Raman Spectroscopy (which has an impact factor of 2.969).

The XIII GeoRaman Conference received very positive feedback from the attendees. For more information on the XIII International GeoRaman Conference, please visit the web site https://sites.google.com/view/georaman2018/home.