



Italian Society of Mineralogy and Petrology

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EUROPEAN CONFERENCE ON MINERALOGY AND SPECTROSCOPY 2015: CONFERENCE REPORT

The 8th European Conference on Mineralogy and Spectroscopy (ECMS 2015) was held 9–11 September 2015 in Rome (Italy), at the headquarters of the National Research Council (CNR). This 8th edition follows on from its seven illustrious predecessors held, respectively, in Rome (1988), Berlin (1995), Kiev (1996), Paris (2001), Vienna (2004), Stockholm (2007) and Potsdam (2011).

The ECMS 2015 was organized with the support of the Italian Society of Mineralogy and Petrology (SIMP), the Institute of Geosciences and Earth Resources (CNR-IGG, based in Pisa) and Sapienza University of Rome. Scholarship grants from the European Mineralogical Union (EMU) and the International Union of Crystallography (IUCr) are gratefully acknowledged. The conference theme was how to use spectroscopy and crystallography together to investigate the interplay between short-range and long-range information in minerals and thereby better explain the physical properties of crystalline and amorphous materials. The conference brought together about 120 participants, largely coming from 19 countries across Europe, but also from America, Asia and Australia.

A total of 100 contributions were published in the “Proceedings of ECMS 2015 Volume” of the journal *Periodico di Mineralogia*. The ECMS 2015 program consisted of three days of oral presentations and two days of poster sessions. The keynote lectures were given by Frank C. Hawthorne (University of Manitoba, Canada), Laurence Galoisy (Université Pierre et Marie Curie, France), Robert D. Shannon (University of Colorado, USA), Giancarlo Della Ventura (University of Roma Tre, Italy), Björn Winkler (University of Frankfurt, Germany) and Catherine McCammon (University of Bayreuth, Germany) and ranged from theoretical and computational mineralogy to new or well-established experimental approaches. The 52 oral and 48 poster presentations reflected the philosophy of previous ECMS conferences in which new ideas, methodologies and results related to mineral spectroscopy were put forward. The EMU Best Poster Award was given to Chiara Anzolini (University of Padua,



Italy). At the conclusion of the meeting, Georges Calas (Université Pierre et Marie Curie–Paris, France) gave a talk entitled “ECMS 1988–2015: an overview of mineral spectroscopy in the last 30 years”, in which he emphasized that mineral spectroscopy is nowadays a component of most Earth sciences research projects where it is applied to fundamental scientific questions, cutting-edge technology, and addressing societal issues.

We very much look forward to the next ECMS conference, which is planned for 2019 in Prague (Czech Republic).

We thank all the participants of ECMS 2015 who made this conference a stimulating, informative, and enjoyable event.

Giovanni B. Andreozzi and **Ferdinando Bosi**
Co-chairmen, on behalf of the ECMS Organizing Committee

The 2nd European Mineralogical Conference will be held at the Palacongressi of Rimini, Italy, 11–15 September 2016

emc2016
11 - 15 September
European Mineralogical Conference

**Minerals, rocks and fluids:
alphabet and words of planet Earth**

WEB: emc2016.socminpet.it

Contributing societies are:

DMG Deutsche Mineralogische Gesellschaft
MinSoc Mineralogical Society of Great Britain & Ireland
MinSocFin Mineralogical Society of Finland
ÖMG Österreichische Mineralogische Gesellschaft
PTMin Mineralogical Society of Poland
RMS Russian Mineralogical Society
SEM Sociedad Española de Mineralogía
SFMC Société Française de Minéralogie et de Cristallographie
SIMP Società Italiana di Mineralogia e Petrologia
SSMP Swiss Society of Mineralogy and Petrology

With participation of:

EMU European Mineralogical Union

Main themes will be: Mantle petrology and geochemistry • Magmatism and volcanology • Metamorphism • Applied mineralogy • Mineral physics • Mineralogical crystallography • Mineral diversity and evolution • Planetary materials and processes • Mineral deposits and raw materials • Low-T geochemistry • Geochronology • Geomicrobiology and biomineralogy • Mineralogical sciences for climate change • Environmental and medical mineralogy • Advanced analytical techniques • Archaeometry, care and preservation

There will be a series of invited plenary lectures, including the acceptance speech of the recipient of the IMA medal award. Chairmen: Giuseppe Cruciani and Bernardo Cesare on behalf of SIMP. Email: info@emc2016.socminpet.it