

Mineralogia

Mineralogia Groenlandica

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Rome is proud to host the eighth edition of the European Conference on Mineralogy and Spectroscopy (ECMS 2015). This is a welcome back, after the starting point of this conference cycle in Rome (1988) and following editions held in Berlin (1995), Kiev (1996), Paris (2001), Vienna (2004), Stockholm (2007) and Potsdam (2011). The Rome 2015 conference will hopefully reflect the philosophy of previous conferences and provide a common forum to present new ideas, concepts and results related to mineral spectroscopy. It will also offer an opportunity for students and young scientists to meet and interact with established, well-known scientists. The conference deals with mineralogy, spectroscopy and related fields of science, bringing together both theoretically and experimentally oriented scientists and providing an opportunity to share ideas and learn from one another. The ECMS 2015 is housed in the headquarters of the National Research Council, and consists of three days of oral presentations and two days of poster sessions. Keynote lectures will be presented by Frank C. Hawthorne, Laurence Galois, Robert D. Shannon, Giancarlo Della Ventura, Bjorn Winkler and Catherine McCammon. This volume is the joint effort of all conference participants largely coming from Europe, but also from America, Asia and Australia. It contains 100 contributions, many of which present experimental results and applications based on new or well-established analytical techniques,

while others highlight theoretical and computational approaches to our better understanding of short-range and long-range structures of minerals and materials. We are very grateful for the constant support of Francesco Di Benedetto (publicity chair), Sabrina Nazzareni (treasurer) and our scientific advisory board: Danilo Bersani, Giuseppe Cruciani, Michele Dondi, Ulf Hålenius, Monika Koch-Müller, Roberta Oberti, Henrik Skogby and Sergio Speziale. Without the generous sponsoring from the Società Italiana di Mineralogia e Petrologia (SIMP), Italian National Research Council (CNR) and Periodico di Mineralogia and the support of Sapienza Università di Roma, it would have been very difficult to organize this meeting and this volume. We also appreciate the sponsorship and scholarship grant from the European Mineralogical Union (EMU) and the International Union of Crystallography (IUCr), and contributions from private companies (Bruker, Geologica, Gemmoraman, Masterstones, PANalytical). Thanking all participants for coming in the Eternal City, we wish you all a stimulating, informative and enjoyable conference and offer a sincere welcome to the ECMS 2015. Giovanni B. Andreozzi and Ferdinando Bosi Co-chairmen On behalf of the Organizing Committee

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