European Mineralogical Union

www.eurominunion.org

The latest title in the EMU Notes in Mineralogy series (number 16) is *Mineral Reaction Kinetics: Microstructures, Textures, Chemical and Isotopic Signatures*, edited by W. Heinrich and R. Abart and published in March 2017.

In the late 20th century, advances in experimentation and in material characterization greatly fostered the development of internally consistent thermodynamic data. Together with the development of thermodynamic modelling tools, the data enhanced our ability to analyse phase equilibria in rocks and to obtain accurate quantitative information on the conditions of magmatic and metamorphic crystallization. This gave an unprecedented boost to mineralogy, petrology and geochemistry and helped illuminate long-standing questions in geodynamics as well as in geo- and cosmochemistry. Attainment of thermodynamic equilibrium among the phases constituting a rock and metastable preservation of equilibrium phase relations, which are indispensable pre-requisites for the application of equilibrium thermodynamics, could be demonstrated or, in many cases, were tacitly assumed.

This latest EMU volume on mineral kinetics accompanies an EMU School, which was intended to bring contemporary research on mineral reaction kinetics to the attention of young researchers and to put it into the context of recent developments in related disciplines. The school and the accompanying volume cannot give a comprehensive review of the current state of geomaterials research. Rather, it offers a selection of topics, methods and concepts that the contributors deem currently most relevant and instructive.

Copies are available from the Mineralogical Society's online bookshop (www.minersoc.org), the Mineralogical Society of America's bookshop (www.minsocam.org) and at Amazon.co.uk and Amazon.com. Prices vary, but the cost through the Mineralogical Society is £40 for individuals, £55 for institutions, plus shipping.

Italian Society of Mineralogy and Petrology

www.socminpet.it

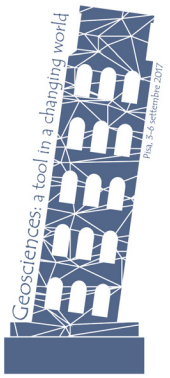
"PRESIDENTE DELLA REPUBBLICA" PRIZE OF THE ACCADEMIA NAZIONALE DEI LINCEI GOES TO LUCA BINDI

Prof. Luca Bindi, Professor of Mineralogy and Petrology at the Department of Earth Sciences, University of Florence (Italy), is the recipient of the 2015 Accademia Nazionale dei Lincei's National Award of "Presidente della Repubblica" for disciplines included in the physical, mathematical, and natural sciences category. This national award has been given every year since 1949 with the aim of encouraging Italian scientists and is the highest Italian achievement for science. Luca Bindi was recognized as "the most deserving scientist in 2015" for the discovery of the first quasicrystal and for work contributing to the discovery of 60 new mineral species. Given the minor role usually played by geology with respect to chemistry, physics, engineering and materials sciences, this was a stunning result. The prize was presented at the Quirinale Palace in Rome on 6 March 2017 by the President of the Italian Republic, Sergio Mattarella.

Luca Bindi (RIGHT) awarded the 2015 Accademia Nazionale dei Lincei "Presidente della Repubblica" prize by the President of the Italian Republic, Sergio Mattarella (LEFT).

SIMP, SGI, AIV AND SOGEI ANNUAL MEETING

Geociences: A Tool in a Changing World
www.geosciences.it/pisa2017



The Joint Congress of the Italian Society of Mineralogy and Petrology (SIMP), Italian Geological Society (SGI), Italian Association of Volcanology (AIV), and the Italian Geochemistry Society (SOGEI), entitled "Geosciences: A Tool in a Changing World," will be held in Pisa (Italy) 3–6 September 2017.

The congress, divided into three days of scientific sessions, will include plenary lectures by internationally renowned researchers and have special events (forums and round tables) on topical issues and public interest.

The congress will be an opportunity for the Italian scientific community to share the results of the latest research, to discuss the future of geosciences, and to enhance interactions between companies, professionals, schools, and public administrators. It will be also an opportunity to reflect on new strategies for the transfer of scientific knowledge from the academic community to civil society and to emphasize the key role of the geosciences in reaching the sustainable development goals set by the international community.

The congress intends to give special attention to young researchers by organizing special sessions and events to promote their activities and to facilitate the creation of collaborative networks.

The SIMP is looking forward to see you in Pisa!