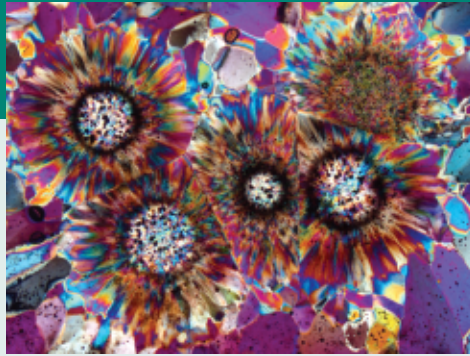


## ROCK ART

Bernardo Cesare is an associate professor of petrography at the University of Padova (Italy) and a photographer of rocks under the microscope for both science and "art." His rock photomicrographs have been displayed in art galleries in Venice (1998) and Milan (1999). They have been published in Italian photographic (IL FOTOGRAFO, 2000) and popular (AIRONE, 2000) magazines, and have been shown in exhibits in Italy, France, and Germany. He shares some of his favorite pictures.

*Any piece of rock hides a microscopic universe of colors and shapes, a universe that can be revealed by observation with a polarizing microscope after proper preparation of the sample.*

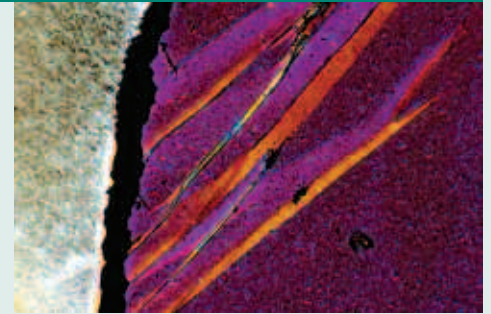
*With the help of a camera mounted on the microscope, thin sections are photographed to reveal the inner beauty, grace, and elegance of rocks. Photomi-*



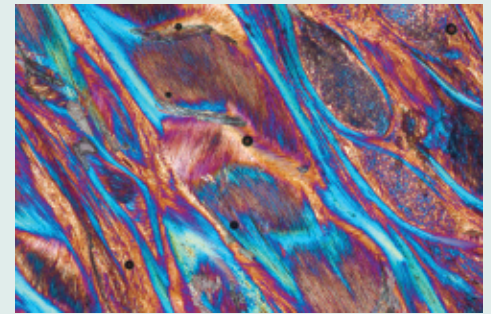
"Ocean Jasper," an orbicular silicified rhyolite, from Madagascar. Width of view ~1 cm

*crographs provide a sense of the ordered, geometric development of crystal structures and, on the other hand, of the chaos and irregularity that characterize the natural processes of rock formation and evolution. Thus, images may in turn be dominated by regular patterns or by a random distribution of faintly defined spots of color.*

**Bernardo Cesare**



Graphite-bearing marble from the eastern Alps (Italy). Width of view ~4 mm



Crenulated layers of charoite from Russia. Width of view ~2 mm

empg2008@uibk.ac.at; web page: [www.uibk.ac.at/mineralogie/empg2008/index.html](http://www.uibk.ac.at/mineralogie/empg2008/index.html)

**September 8–12 Meteoritical Society Annual Meeting**, Matsue, Japan. Details: Dr. Mitsuru Ebihara; e-mail: [ebihara-mitsuru@c.metro-u.ac.jp](mailto:ebihara-mitsuru@c.metro-u.ac.jp)

**September 9–14 Second Central European Mineralogical Conference (11–14 September) and Workshop on Powder Diffraction Rietveld Refinement (9–10 September)**, Lower Silesia, Poland. Details forthcoming

**September 22–25 XIII All-Russian Conference on Thermobarogeochimistry**, Moscow, Russia. E-mail: [tbg2008@minsoc.ru](mailto:tbg2008@minsoc.ru); web page: [www.minsoc.ru/tbg2008](http://www.minsoc.ru/tbg2008)

**September 24–28 4<sup>th</sup> Mid-European Clay Conference**, Kraków, Poland. Details forthcoming; e-mail: [gorniak@agh.edu.pl](mailto:gorniak@agh.edu.pl)

**October 5–8 Geological Society of America Annual Meeting**, Houston, TX, USA. E-mail: [meetings@geosociety.org](mailto:meetings@geosociety.org); web page: [www.geosociety.org/meetings/index.htm](http://www.geosociety.org/meetings/index.htm)

**October 5–9 Materials Science & Technology 2008 Conference and Exhibition – MS&T '08** combined with the American Ceramic Society (ACerS) 110<sup>th</sup> Annual Meeting, Pittsburgh, Pennsylvania, USA. Web page: [www.ceramics.org/meetings/schedule.asp](http://www.ceramics.org/meetings/schedule.asp)

**December 1–5 Materials Research Society Fall Meeting**, Boston, MA, USA. Web page: [www.mrs.org/s\\_mrs/sec.asp?CID=2073&DID=92005](http://www.mrs.org/s_mrs/sec.asp?CID=2073&DID=92005)

**December 1–5 Eighth International Geostatistics Congress - GEOSTATS 2008**, Santiago, Chile. E-mail: [info@geostats2008.com](mailto:info@geostats2008.com); Website: [www.geostats2008.com](http://www.geostats2008.com)

**December 15–19 2008 AGU Fall Meeting**, San Francisco, CA, USA. E-mail: [meetinginfo@agu.org](mailto:meetinginfo@agu.org); web page: [www.agu.org/meetings](http://www.agu.org/meetings)

## 2009

**January 18–23 33<sup>rd</sup> International Conference & Exposition on Advanced Ceramics & Composites**, Daytona Beach, Florida, USA. Web page: [www.ceramics.org/meetings/schedule.asp](http://www.ceramics.org/meetings/schedule.asp)

**March 22–26 American Chemical Society 237<sup>th</sup> ACS National Meeting & Exposition**, Salt Lake City, UT, USA. Web page: [www.chemistry.org/portal/a/c/s/1/acsdisplay.html?DOC=meetings%5Cfuture.html](http://www.chemistry.org/portal/a/c/s/1/acsdisplay.html?DOC=meetings%5Cfuture.html)

**April 2009 3<sup>rd</sup> International Maar Conference**, Malargue, Argentina. E-mail: [corinarisso@fibertel.com.ar](mailto:corinarisso@fibertel.com.ar) or [haller@cenpat.edu.ar](mailto:haller@cenpat.edu.ar); web page: [www.iavcei.org/meetings\\_w.html](http://www.iavcei.org/meetings_w.html)

**April 13–17 2009 MRS Spring Meeting**, San Francisco, CA, USA. Web page: [www.mrs.org/s\\_mrs/index.asp](http://www.mrs.org/s_mrs/index.asp)

**May 24–27 Geological Association of Canada/Mineralogical Association of Canada Annual Meeting**, Toronto, Canada. Web page: [www.mineralogicalassociation.ca/index.php?p=35](http://www.mineralogicalassociation.ca/index.php?p=35)

**June 2009 EURISPET: High-Pressure Metamorphism and Subduction Zones**, Granada, Spain. Details: Maria Teresa Gómez-Pugnaire, e-mail: [teresa@ugr.es](mailto:teresa@ugr.es) or [eurispet@eurispet.eu](mailto:eurispet@eurispet.eu); web page: [www.eurispet.eu/](http://www.eurispet.eu/)

**June 22–26 Goldschmidt 2009**, Davos, Switzerland. E-mail: [info@goldschmidt2009.org](mailto:info@goldschmidt2009.org); web page: [www.goldschmidt2009.org](http://www.goldschmidt2009.org)

**July 7–10 American Association of Petroleum Geologists (AAPG) Annual Meeting**, Denver, CO, USA. Web page: [www.aapg.org/meetings/misc\\_mtg.cfm](http://www.aapg.org/meetings/misc_mtg.cfm)

**Summer 2009 71<sup>st</sup> Annual Meeting of the Meteoritical Society**, Nancy, France. Web page: [www.cprg.cnrs-nancy.fr/NEWS/MetSoc](http://www.cprg.cnrs-nancy.fr/NEWS/MetSoc)

**August 2009 25<sup>th</sup> European Crystallographic Meeting (ECM25)**, Istanbul, Turkey. Web page: [www.ecm25.org](http://www.ecm25.org)

**August 16–20 American Chemical Society 238<sup>th</sup> ACS National Meeting & Exposition**, Washington, DC, USA. Web page: [www.chemistry.org/portal/a/c/s/1/acsdisplay.html?DOC=meetings%5Cfuture.html](http://www.chemistry.org/portal/a/c/s/1/acsdisplay.html?DOC=meetings%5Cfuture.html)

**August 17–20 Society for Geology Applied to Mineral Deposits 10<sup>th</sup> Biennial Meeting**, Townsville, QLD, Australia. E-mail: [SGA2009@jcu.edu.au](mailto:SGA2009@jcu.edu.au)

**August 21–23 Gemological Research Conference 2009**, San Diego, CA, USA. E-mail: [grc2009@gia.edu](mailto:grc2009@gia.edu); web page: [www.grc2009.gia.edu](http://www.grc2009.gia.edu)

**September 2009 Mineralogical Society's Annual Meeting: MAP – Materials, Analysis, Processes**. Details: Simon Harley, e-mail: [s.harley@ed.ac.uk](mailto:s.harley@ed.ac.uk); web page: [www.minersoc.org/pages/meetings/meetings.html](http://www.minersoc.org/pages/meetings/meetings.html)

**September 7–11 Geoanalysis 2009**, Drakensburg Region, South Africa. Details forthcoming. Web page: [geoanalysis2009.org.za](http://geoanalysis2009.org.za)

**October 18–21 Geological Society of America Annual Meeting**, Portland, Oregon, USA. E-mail: [meetings@geosociety.org](mailto:meetings@geosociety.org); web page: [www.geosociety.org/meetings/index.htm](http://www.geosociety.org/meetings/index.htm)

**October 25–30 Materials Science & Technology 2009 Conference and Exhibition – MS&T '09** combined with the American Ceramic Society (ACerS) 111<sup>th</sup> Annual Meeting, Pittsburgh, Pennsylvania, USA. Details forthcoming

**November 30–December 4 2009 MRS Fall Meeting**, Boston, MA, USA. Web page: [www.mrs.org/s\\_mrs/index.asp](http://www.mrs.org/s_mrs/index.asp)

## 2010

**March 21–25 239<sup>th</sup> ACS National Meeting & Exposition**, San Francisco, CA, USA. Web page: [www.chemistry.org/portal/a/c/s/1/acsdisplay.html?DOC=meetings%5Cfuture.html](http://www.chemistry.org/portal/a/c/s/1/acsdisplay.html?DOC=meetings%5Cfuture.html)

**April 5–9 MRS Spring Meeting**, San Francisco, CA, USA. Web page: [www.mrs.org/s\\_mrs/sec.asp?CID=2073&DID=92005](http://www.mrs.org/s_mrs/sec.asp?CID=2073&DID=92005)

**June EURISPET: High-Temperature Metamorphism and Crustal Melting**, Padova, Italy. Details: Bernardo Cesare, e-mail: [bernardo.cesare@unipd.it](mailto:bernardo.cesare@unipd.it); web page: [www.eurispet.eu/](http://www.eurispet.eu/)

**July 4–9 16<sup>th</sup> International Zeolite Conference**, Sorrento, Italy. Details forthcoming

**July 10 EMU School: High-Resolution Electron Microscopy of Minerals**, Nancy, France. Web site: [www.lcm3b.uhp-nancy.fr/emu10/](http://www.lcm3b.uhp-nancy.fr/emu10/)

**August 22–26 240<sup>th</sup> ACS National Meeting & Exposition**, Boston, MA, USA. Web page: [www.chemistry.org/portal/a/c/s/1/acsdisplay.html?DOC=meetings%5Cfuture.html](http://www.chemistry.org/portal/a/c/s/1/acsdisplay.html?DOC=meetings%5Cfuture.html)

**August 22–27 20<sup>th</sup> General Meeting of the International Mineralogical Association**, Budapest, Hungary. Website: [www.univie.ac.at/Mineralogie/IMA\\_2010](http://www.univie.ac.at/Mineralogie/IMA_2010)

**September 29–October 5 European Crystallographic Meeting ECM-26 and EPDIC XII**, Darmstadt, Germany. Details forthcoming

**November EURISPET: Experimental Petrology and Rock Deformation**, Zürich, Switzerland. Details: Peter Ulmer, Swiss Federal Institute of Technology (ETH) Zürich, e-mail: [peter.ulmer@erdw.ethz.ch](mailto:peter.ulmer@erdw.ethz.ch); web page: [www.eurispet.eu/](http://www.eurispet.eu/)

The meetings convened by the societies participating in *Elements* are highlighted in yellow. This meetings calendar was compiled by Andrea Koziol. To get meeting information listed, please contact Andrea at [Andrea.Koziol@notes.udayton.edu](mailto:Andrea.Koziol@notes.udayton.edu)