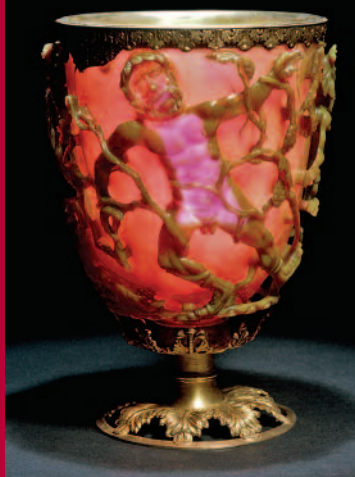


THE LYCURGUS CUP: A UNIQUE GLASS ARTIFACT

The Lycurgus Cup dates from the fourth century AD and was probably made in Rome. This extraordinary cup, 16.5 cm high, is the only complete example of dichroic glass, which changes colour when held up to the light. The opaque green cup turns to a glowing translucent red when light is shone through it. This unusual optical property is due to tiny amounts of colloidal gold and silver in the glass, according to the curators of the British Museum, where the cup resides. Only a handful of ancient glasses

showing this effect are known, all of them Roman. The gilded bronze base and rim were added in more recent times. The cup is surrounded by a frieze showing the myth of King Lycurgus, a king of the Thracians (around 800 BC). He is seen being dragged into the underworld by Ambrosia, who has been turned into a vine. In this 'cage-cup,' the frieze stands out from the body of the vessel, connected to it only by small shanks or bridges. Adapted from the British Museum website.



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August 12–17 9th EMU School 'Nanosopic Approaches in Earth and Planetary Sciences', Munich; Germany. Organizers: Frank E. Brenker (Frankfurt, Germany), Guntram Jordan (Munich); e-mail: info@9th-emu-school.de; website: www.9th-EMU-School.de

August 13–17 2007 Meteoritical Society Annual Meeting, Tucson, Arizona, USA. Details: Dr. Tim Jull, e-mail: jull@u.arizona.edu; web page: http://metsoc2007.org

August 13–18 Twelfth International Symposium on Water–Rock Interaction (WRI-12), Kunming, China. Details: Secretary General, Yanxin Wang, School of Environmental Studies, China University of Geosciences, 430074 Wuhan, P. R. China. Tel.: +86-027-67885040; fax: +86-027-87481365; e-mail: wr12@cug.edu.cn; website: www.wr12.org

August 19–23 American Chemical Society 234th National Meeting, Boston, Massachusetts, USA. Details: ACS Meetings, 1155-16th St., N.W., Washington, DC 20036-4899. Tel.: (202) 872-4396; fax (202) 872-6128; e-mail: natlmtgs@acs.org; web page: www.chemistry.org/portal/a/c/s/1/acdsdisplay.html?DOC=meetings%5cfuture.html

August 19–24 Goldschmidt 2007, Cologne, Germany. Details: Dr. Herbert Palme, e-mail: herbert.palme@uni-koeln.de; website: www.the-conference.com/gold2007/index.php

August 20–24 9th Biennial SGA Meeting, Trinity College, Dublin, Ireland. Details: Gerry Stanley, Geological Survey of Ireland; e-mail: gerry.stanley@gsi.ie; website: www.cpregistrations.com/sga2007

August 22–27 24th European Crystallographic Meeting (ECM24), Marrakech, Morocco. E-mail: thalal@menara.ma; website: www.ecm24.org

September 1–15 Modular Course in Structure, Tectonics, and Mineral Exploration (Field-Based), Sudbury, Ontario, Canada. Information: Bruno Lafrance, Mineral Exploration Research Centre, Department of Earth Sciences, Laurentian University, Willet Green Miller Centre, 933 Ramsey Lake Road, Sudbury,

Ontario, Canada, P3E 6B5. Tel.: 705-675-1151, ext. 2264; fax: 705-675-4898; e-mail: blafrance@laurentian.ca; website: http://earthsciences.laurentian.ca.

September 6–7 AGREE II – Arctic Geology, Resources and Environment Conference, Tromsø, Norway. Details: Geological Society of Norway (NGF). Web page: http://www.geologi.no/cgi-bin/geologi/imaker?id=8529

September 10–12 Geological Society of London Bicentennial Conference – Earth Science in the Service of Society; the next 200 years, London, UK. Web page: http://www.geolsoc.org.uk/template.cfm?name=Bicentenary

September 10–14 23rd International Organic Geochemistry Meeting (IMOG07), Torquay, Devon, UK. Details: Sally Cornford, IGI Ltd, Hallsannery, Bideford, Devon EX39 5HE, UK. Tel.: +44 (0) 1237 471749; fax: +44 (0) 1237 421700; e-mail: sal@igilt.com; web page: www.eaog.org/meetings/meetings.html

September 13–17 Hutton, Horne and Barrow: Classic Field Localities near Edinburgh and in the Eastern Scottish Highlands, Geological Society of London. Details: Alys Johnson, Burlington House, Piccadilly, London, W1J 0BG. Tel.: 020 7434 9944; fax: 020 7 439 8975; e-mail: alys.johnson@geolsoc.org.uk; web page: www.geolsoc.org.uk/template.cfm?name=Bicentenary_Field_Excursion_Hutton_Horne_and_Barrow

September 14–19 Geological Society of London Mineral Deposits of South-West England, Venue TBA. Details: Alys Johnson, Burlington House, Piccadilly, London, W1J 0BG. Tel.: 020 7434 9944; fax: 020 7 439 8975; e-mail: alys.johnson@geolsoc.org.uk; web page: www.geolsoc.org.uk/template.cfm?name=Bicentenary_Field_excursion_Mineral_deposits

September 16–19 Material Science & Technology 2007 Conference and Exhibition - MS&T '07, Detroit, Michigan, USA. Details: TMS, 184 Thorn Hill Rd, Warrendale, PA, USA 15086. Tel.: 724-776-9000, e-mail: mtgserv@tms.org; web page: www.matscitech.org/2007/2007_mst.htm

September 23–28 SEG International Exposition & 77th Annual Meeting, San Antonio, Texas, USA. E-mail: meetings@seg.org

September 25–29 WIRMS 2007: International Workshop on Infrared Microscopy and Spectroscopy with Accelerator Based Sources, Awaji Island, Japan. Details: Takao Nanba, Hiroaki Kimura, or Shin-ichi Kimura, Kobe University, SPring-8, UVSOR Facility. E-mail: nanba@phys.sci.kobe-u.ac.jp, or kimura@spring8.or.jp or kimura@ims.ac.jp; web page: www.uvsor.ims.ac.jp/ WIRMS2007

October 2007 AMPHIBOLES, Accademia Nazionale dei Lincei (Rome, Italy). Details: TBA. Contact G. Della Ventura, F. Hawthorne, A. Mottana and R. Oberti. Contact for North America: frank_hawthorne@umanitoba.ca

October 28–November 1 Geological Society of America Annual Meeting, Denver Colorado, USA. Details: GSA Meetings Dept., P.O. Box 9140, Boulder, CO 80301-9140, USA; tel.: 303-447-2020; fax: 303-447-1133; e-mail: meetings@geosociety.org; web page: www.geosociety.org/meetings/index.htm

November 19–23 Cities on Volcanoes 5, Shimabara, Japan. Details: Secretariat, Cities on Volcanoes 5, Gamadas Dome, Shimabara City 855-0879, Japan. Tel.: +81-957-65-5540; fax: +81-957-65-5542; e-mail: convention@citiesonvolcanoes5.com; website: www.citiesonvolcanoes5.com

November 26–30 Materials Research Society Fall Meeting, Boston, MA USA. Details: Duane Dimos, e-mail: dbdimos@sandia.gov; web page: www.mrs.org/s-mrs/sec.asp?CID=4749&DID=164574

December 10–14 AGU Fall Meeting, San Francisco, California, USA. Details: AGU Meetings Department, 2000 Florida Avenue NW, Washington, DC 20009, USA. Tel.: 202-777-7335; fax: 202-328-0566; e-mail: meetinginfo@agu.org; web page: www.agu.org/meetings

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April 6–10 American Chemical Society 235th National Meeting, New Orleans, LA, USA. Details: ACS Meetings, 1155-16th St., N.W., Washington, DC 20036-4899, USA. Tel.: 202-872-4396; fax: 202-872-6128; e-mail: natlmtgs@acs.org; web page: www.chemistry.org/portal/a/c/s/1/acdsdisplay.html?DOC=meetings%5cfuture.html

April 20–23 AAPG Annual Convention and Exhibition, San Antonio, TX, USA. Web page: www.aapg.org/meetings/misc_mtgs.cfm

May 26–28 Geological Association of Canada/Mineralogical Association of Canada Annual Meeting, Québec, QC, Canada. Website: www.quebec2008.net

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

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