



The Interlayer

The Official Newsletter of the ACMS

Spring 1999, Vol. 2, No. 1

The Interlayer Newsletter is the official news source for the Australian Clay Minerals Society. Membership to the Australian Clay Minerals Society is open to anyone engaged in work relating to clay science: mineralogy, crystallography, petrology, geology; and/or the use and application of clay minerals in industry and the environment. Registration at the biennial meetings ensures membership, but additional applications for membership are invited.

Exchange Reactions

What's new with ACMS?

The 17th ACMS conference will be held at the Plant Research Centre, Waite Campus, Urrbrae, SA 10-12 April, 2000. Mark your calendars and check the ACMS web page for updated information (<http://www.unisa.edu.au/acms>).

Now available are location maps and other useful information to assist you in finding your way around Adelaide.

You can also register for the conference, the pre-conference workshop, the post conference field trips and register accompanying persons on the web. Early registration helps us to plan the best possible conference. We've had requests for registration forms from Argentina (see below) Thailand, China and Russia!

Abstract Deadlines

Please note that ***you must submit your abstracts***, preferably using the format indicated on the 1st ACMS 2000 Brochure, by **18 February, 2000**.

2nd Int'l Symposium on Activated Clays

The 2nd International Symposium on Activated Clays will form a special session of ACMS 2000. A delegation from Argentina is confirmed to present

papers. If you have applied or fundamental research on the preparation and use of activated clays, please submit papers to the special session. For more details, contact Jock Churchman (jock.churchman@adl.clw.csiro.au).

Surface Coverage

The 1st ACMS Pre-Conference Workshop

Techniques for the Analysis of Clay Minerals: Applications for Science and Industry, is the title and theme of the pre-conference workshop to be held Sunday, April 9, 2000 at the Ian Wark Institute, Adelaide. Speakers and topics will include experts from Australia and overseas.

Please note that the ***deadline for Workshop Registration is 17 December, 1999***. You may indicate your intention to attend the workshop by email to either of the workshop coordinators, Will Gates (will.gates@adl.clw.csiro.au) or Peter Self (peter.self@unisa.edu), but you must register for the workshop by 17 December, 1999. Please check the web to view the syllabus, or ask Will Gates for one.

Structural Refinement

Post Conference Field Trip

We have an excellent post conference field excursion planned. The itinerary includes: Thursday, 13 April – travel to Yorke Peninsula and kaoline outcrops at the Pine Point cliffs for spectacular sea views, a visit to the Klein Point limestone quarry to look at clays in karst formations and have a discussion on waste disposal issues facing the area. Friday, 14 April – a visit to the Moonta Wheal Hughes copper mine to take an underground tour of the mine and discuss related hydrothermal alterations (halloysite/smectite) and visit the DSTO Port Wakefield land mine detection facility, where detection experiments are performed in variety of soils. Check the web and sign up early!

Applied Clay Science

The special issue of Applied Clay Science focusing on sources, characterisation and uses of Australian and New Zealand clays and clay minerals is on track. However, more inquiries than articles have been received! Please note that the *current* deadline for manuscripts is 1 November, 1999. Contact Jock Churchman for further details (jock.churchman@adl.clw.csiro.au).

ANZAC Clay Book

The Source Book on Australian and NZ clays is still planning its Official Launch during ACMS 2000. Jock Churchman is planning an E-mail discussion between interested parties on the final content of the book. All interested authors, co-authors or just plain interested, please contact ASAP Jock Churchman to enter the discussions (jock.churchman@adl.clw.csiro.au).

Particle Interactions

Our Website is Updated

Check our Website for updated information on the upcoming conference. Also, includes maps of Adelaide, hotel information, Workshop and field trip information and useful links to other sites <http://www.unisa.edu.au/acms>.

More Websites

The Clay Minerals Society's web page has moved. Change your bookmark to the following URL <http://cms.lanl.gov>, or use our site as a link. It has been updated to include many useful links, including our own site. You could get into an infinite loop, so watch out!

Particle Size

In the News (again....).

Rob Fitzpatrick is still an award winner. He has just received the prestigious Verco Medal from the Royal Society of South Australia, at their Annual Soirée, for his career-long study of the weathering processes in Australian landscapes. Kudos Rob!

Tony Eggleton isn't about to be out awarded. He recently received the prestigious Brindley Award from the Clay Minerals Society at their annual meeting at West a more difficult clay minerals. Kudos Tony!

Australian Clay Minerals Society

Membership Registry

We need your help. Do you know of others who should be receiving, or would like to receive, copies of the Interlayer Newsletter? Membership to the ACMS is open to professionals, academics industrialists, and students engaged in work relating to clay mineralogy, crystallography, petrology, geology and/or the use and application of clay minerals in industry and the environment. Registration at the biennial meetings ensures membership, but additional applications are invited. Simply fill out the form and send it in.

Name: _____

Affiliation: _____

Tick one: University() Student() Industry()
Government() Private() Other()

Address: _____

email: _____

fax/phone: _____

Distribution requests and items for inclusion should be addressed to:

W.P. Gates, ACMS2000 Newsletter Editor, CSIRO Land and Water, PMB No. 2, Glen Osmond, SA 5064 or email the above information to: will.gates@adl.clw.csiro.au

Some ACMS members, Jock Churchman, Theo Kloprogge, Marek Zbik and Will Gates recently were in Krakow, Poland for Euroclay 1999, the 11th Conference of the European Clay Groups. The conference, organised by the Polish Clay Group, and the Post-Conference Workshop on Clays in the Environment, organised by the Slovak Clay Group, was superb. More than 500 clay folks from universities, government and industry throughout the world participated. The Central European atmosphere, food and most especially, the beer, combined to make this a truly memorable conference.

Send other news about ACMS members to the editor (will.gates@adl.clw.csiro.au).

Stacking Order

Conference Planner

Australian Clay Minerals Society 17th Biennial Meeting, 10-12 April, 2000. Adelaide, South Australia. Workshop 9 April, 2000.

Email- mark.raven@adl.clw.csiro.au.

WWW- <http://www.unisa.edu.au/acms>

Clay Minerals Group Meeting, Mineralogical Society, 6-7 April, 2000. Exeter University, UK.

Email- nthomas@wbb.co.uk.

WWW- <http://www.wbb.co.uk/claymeet.htm>.

The Clay Minerals Society 37th Annual Meeting. June 24-29, 2000, Chicago, Illinois, Water Tower Campus of Loyola University, Chicago, U.S.A..

Email- AFITCH@luc.edu.

WWW- <http://cms.lanl.gov>.

Geological Society of America - Mineralogical Society of America Joint Annual Meeting. Reno, Nevada, 13-16 November 2000.

Email- richschw@mines.unr.edu.

WWW- <http://www.geosociety.org/meetings/2000>.

5th International Symposium on Environmental Geochemistry, 24-29 April, Capetown, South Africa. WWW- <http://www.uct.ac.za/depts/geolsci/menviro/main.html>.

12th International Clay Conference, 29 July – 4 August 2001, Bahía Blanca, Argentina.

E-mail : 12icc@criba.edu.ar

WWW : <http://www.12icc.criba.edu.ar>

Australian Clay Minerals Society 17th Biennial Conference – ACMS2000

10-12 April, 2000 Adelaide, SA

Indication of Interest : Conference Registry

name: _____

Affiliation: _____

email: _____

Address: _____

Fax/Phone: _____

() I plan to submit an abstract to the 2nd *International Symposium on Activated Clays*.

() I am interested in attending the *Workshop on Instrumental Techniques and Methods in Clay Science* (9 April, 2000).

Workshop will feature: XRD quantitative analysis; X-ray absorption spectroscopies (synchrotron based); Infrared; X-ray crystallography; Electron microscopy and diffraction. Deadline for registration is 17 December 2000.

Please fill out and send to: Mark Raven, ACMS2000 Treasurer, CSIRO Land and Water, PMB No. 2, Glen Osmond, SA 5064. Or register electronically at the Website: <http://www.unisa.edu.au/acms>.