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The Clay Minerals Society

EDITORS HAND OVER



Derek Bain in his office at the Macaulay Institute

Publishing moves fast in this 21st century, and a number of changes affecting *Clays and Clay Minerals* have taken place over the last seven years during my term as editor-in-chief. The procedure for submitting manuscripts has changed twice: first, away from hard copies sent by "snail" mail to pdf attachments sent by e-mail, and then, last March, to submission online. Some years ago, the journal became available online as well as in the printed form. Subsequently, it became available through the GeoScienceWorld aggregate, as well as via individual subscriptions. All back issues have been digitized and are available free online to anyone, and papers can now be deposited on institutional or personal websites two years after publication. We also now use the Society website for depositing data from the journal.

These are all welcome, positive changes. Unfortunately a less-welcome change has been that individuals are becoming less willing to carry out reviews. This is worrisome, as the whole peer-review system depends on scientists being prepared to review manuscripts in a careful and timely manner, in the same way as they expect others to review their manuscripts. If you publish, you must review! To the many

who have given of their time and expertise to provide timely and conscientious reviews, the Society and I are very grateful.

It has been a privilege to be the CMS's editor-in-chief, and although the job has been hard work and seemingly unrelenting, the experience has been enjoyable, and I have made a lot of friends in the clay world. After handling some 860 or so manuscripts, it is time to hand the baton over to fresh hands. In doing so, I record my very grateful thanks to Robert Preston for his meticulous typesetting, to my team of hard-working associate editors, eight of whom worked with me through my whole term of office, and most of all to my trusted friend and right-hand man, managing editor Kevin Murphy, who will continue in that post and keep an eye on developments in the constantly changing publishing business.

My very best wishes to my successor, Joe Stucki, who I am sure will take the journal forward for the benefit of the Society and clay science.

Derek Bain



Joe Stucki, the new editor-in-chief of *Clays and Clay Minerals*

As I undertake my term of service as editor-in-chief of The Clay Minerals Society, I am looking

forward to assisting in leading the Society through a new phase of this information age wherein numerous opportunities and challenges await. Foremost among these are maintaining and improving the scientific quality of published articles in *Clays and Clay Minerals*, exploring new publication models and strategies, and reaching out to a new clientele.

I cannot move forward, however, without first pausing to thank those who have gone before. At this time I express gratitude to Derek Bain who, for the past seven years, has given outstanding service as editor-in-chief. He skillfully called upon his past experience and professional expertise to lead the journal in an extremely positive direction. A number of milestones were reached during his term of service, not the least of which were the digital archiving of past issues and moving the journal to online access. I feel a great burden is upon

me to continue in his tradition of excellence, advancement, and innovation.

For those who may not know me, my background is in clay mineral chemistry, with specialization in the mechanisms and consequences of iron redox processes in smectite crystal structures. I received a junior college diploma in chemistry from Ricks College, a BS degree in chemistry from Brigham Young University, an MS degree in soil chemistry from Utah State University, and a PhD in physical chemistry of clays and soils from Purdue University. For the past 32 years I have been a faculty member at the University of Illinois at Urbana-Champaign. I invite all readers of *Elements* to consider *Clays and Clay Minerals* as a venue for publishing their best scientific material.

Joe Stucki



The Clay Minerals Society announces

the publication of two new volumes in the CMS Workshop Lecture Series

Methods for Study of Microbe-Mineral Interactions

Volume 14 in the CMS Workshop Lecture Series
edited by Patricia A. Maurice and Lesley A. Warren

Articles

Introduction to microbial mineral interactions. Patricia A. Maurice and Lesley A. Warren

Counting and imaging bacteria on mineral surfaces. Philip C. Bennett, Annette Summers Engel and Jennifer A. Roberts

Analysis of (bio)geochemical kinetics of Fe(III) oxides. Susan L. Brantley, Shane Ruebush,

Je-Hun Jang and Ming Tien

Anaerobic microbial-minerals processes with Fe(III) oxides: Experimental considerations and approaches.

John M. Zachara, James K. Fredrickson, Ravi K. Kukkadapu and Yuri A. Gorby

Clay-based Polymer Nano-Composites (CPN)

Volume 15 in the Workshop Lecture Series
edited by Kathleen A. Carrado and Faiza Bergaya

Articles

Overview of CPN. S. Xue and T.J. Pinnavaia

Melt-blending versus intercalative polymerization. P. Dubois

Clay mineral properties responsible for CPN performance. F. Bergaya and G. Lagaly

Advanced morphology characterization of CPN. L.F. Drummy, H. Koerner, B.L. Farmer and R.A. Vaia

Metal nanoparticles on CPN films. K.A. Carrado and G. Sandi

....and others

Available for \$25 (members) and \$30 (non-members) each (includes surface shipping)
To order, please download an order form from our website.

For more information on The Clay Minerals Society and its publications, please visit our website at www.clays.org.

CLAYS AND CLAY MINERALS

– UPCOMING PAPERS

The following are some papers that have been accepted for publication in future issues of *Clays and Clay Minerals*:

- MAKOTO MINASE, MITSUJI KONDO, MASANOBU ONIKATA AND KATSUYUKI KAWAMURA – The viscosity of organic liquid suspensions of trimethyldococylammonium-montmorillonite complexes
- SÉBASTIEN LANTENOIS, FABRICE MULLER, JEAN-MICHEL BÉNY, JAMEL MAHIAOUI AND RÉMI CHAMPALLIER – Hydrothermal synthesis of beidellites: characterization and study of the cis-trans-vacant character
- Z. PÜSPÖKI, M. KOZÁK, P. KOVÁCS-PÁLFY, J. SZEPESI, R. MCINTOSH, P. KÓNYA, L. VINCZE AND G. GYULA – Geochemical records of a bentonitic acid tuff succession related to a transgressive systems tract – Indications of changes in the volcanic sedimentation rate
- PETER C. VAN DE KAMP – Smectite-illite-muscovite transformations, quartz dissolution and silica release in shales
- RUARRI J. DAY-STIRRAT, ANDREW C. APLIN, JAN ŠRODOŇ AND BEN A. VAN DER PLUIJM – Diagenetic reorientation of phyllosilicate minerals in Palaeogene mudstones of the Podhale Basin, southern Poland
- MICHAEL A. VELBEL AND WILLIAM W. BARKER – Pyroxene weathering to smectite: conventional and cryo-field emission scanning electron microscopy, Koua Bocca ultramafic complex, Ivory Coast
- SADOK LETAIEF AND CHRISTIAN DETELLIER – Ionic liquids-kaolinite nanostructured materials. Intercalation of pyrrolidinium salts
- STACEY G. COCHIARA AND BRIAN L. PHILLIPS – NMR spectroscopy of naturally occurring surface-adsorbed fluoride on Georgia kaolinite

45th Annual Meeting of The Clay Minerals SocietyClays
of
Demeter

April 5–10, 2008
New Orleans, Louisiana, USA

Workshop:

*Clay Surface Redox Processes and
Characterization Techniques*

Hailiang Dong

Miami University, Ohio

Saturday, April 5

Venue: *The Bourbon Orleans*

Technical Sessions:

Monday to Thursday, April 6–10

Venue: *Morial Convention Center*

Registration:

Online Registration Opens Jan. 7, 2008

Access through the ACS Website

Housing & Social Functions:

*The Bourbon Orleans, located in the
heart of the French Quarter*

For reservations call: 1-800-996-3426

Scheduled Symposia:

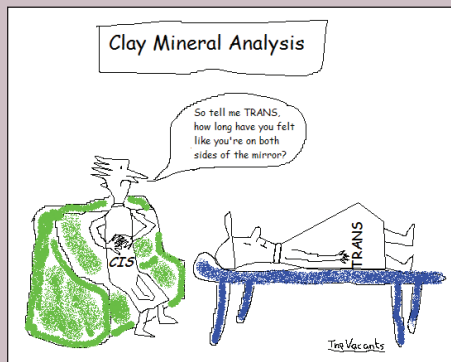
- *Advanced Approaches to Investigating Adsorption at the Solid–Water Interface*
- *Archaeological Clay Source Materials: Their Chemical, Mineralogical, and Physical Characteristics*
- *Clay Minerals and Biomolecules*
- *Clay Minerals and Health*
- *Environmental Impacts of Hurricane Katrina*
- *Methods for Studying Optical and Electrochemical Properties of In Situ Thin Films*
- *Reactions on Clay Surfaces*
- *Speciation of Arsenic and Other Trace Elements in Soils and Sediments*
- *CMS General Session: Clay Gumbo*
- *GEOC General Session*

Website: www.cottey.edu/clay

Brenda Ross, General Organizer and Program Chair, bross@cottey.edu

Joint Meeting with the Geochemistry Division of the American Chemical Society,
Spring 2008 National Meeting & Exposition, 235th National ACS Meeting
www.chemistry.org, click on Meetings

CLAYS FOR FUN



Cis was convinced that his new approach to clay mineral analysis would provide some important new insights into clays.

CMS AND IYPE

The Clay Minerals Society will celebrate the International Year of Planet Earth by participating in the joint meeting of the Geological Society of America, the Soil Science Society of America, and the Gulf Coast Association of Geological Societies, which will be hosted by the Houston Geological Society in October 2008. Andrew Thomas, Michael Velbel, and Paul Schroeder are spearheading CMS efforts to develop three special topical sessions in collaboration with members of other societies. These efforts are an outgrowth of our recognition as an “allied society” by the Geological Society of America. CMS anticipates increased interaction with the GSA and other scientific societies in the future. GSA activities will increase our national presence but will not diminish the importance of our own annual meeting. Your Executive Committee also welcomes input on other activities that CMS might sponsor as part of the IYPE celebration. Don’t forget to attend the 2008 annual meeting in New Orleans!