

www.minersoc.org

Mineralogical Society of Great Britain and Ireland

FROM THE PRESIDENT

Welcome to Frontiers 2007



Ben Harte

This month the MinSoc is very pleased to be hosting the Frontiers in Mineral Sciences meeting in Cambridge, UK (26-28 June). This meeting will be the first joint meeting of the mineralogical societies of the USA, Canada, France and Great Britain & Ireland. The initial concept for the meeting was developed when Michael Carpenter and David Price were the presidents of MSA and MinSoc, respectively, and it quickly grew to embrace MAC and SFMC. The meeting will cover all aspects of mineralogy and associated studies in petrology and geochemistry, and it has been a great pleasure to see the interest this unique venture has generated - the meeting rapidly became fully subscribed, with over 350 participants.

In addition to the scientific interest, MinSoc feels assured the occasion will be pleasant in all respects since it is taking place in Cambridge in summer. Participants will have the opportunity to savour pleasures such as walking round the Cambridge colleges and punting on the river Cam. The conference dinner and medal presentations will take place in the Fellows' Garden in Magdalene College. MinSoc is pleased to acknowledge Michael Carpenter as initiator and principal Cambridge organiser of the conference. We look forward to seeing all participants at the end of June.

Ben Harte

President, Mineralogical Society of Great Britain and Ireland

Peter Kelemen - Hallimond Lecturer 2007



Peter Kelemen of Columbia University will be giving the Hallimond Lecture at the Frontiers meeting on Tuesday 26 June. His talk, entitled "Feedback Mechanisms in Reactive Fluid Transport: Field Examples and Simple Models", is based on his extensive work in the field of reactive fluid transport. His studies are concerned with the genesis and evolution of the Earth's crust in ocean basins, arcs and continents. He brings the perspective that reactions between melt and rock during transport through the

upper mantle are as important as melting, mixing and crystal fractionation processes in producing different crustal bulk compositions in different tectonic settings.

BURSARY AWARDS FOR 2007

The Council is pleased to announce its bursary awards for 2007.

Senior Bursaries have been awarded to Alberto Perez-Huerta (University of Glasgow), Mike Widdowson (The Open University), Robert Hough (CSIRO, Australia), Ralf Gertisser (Keele University), Nick Pearce (The University of Wales, Aberystwyth) and Stephen Self (The Open University).

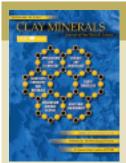
Student Bursaries have been awarded to Sally Morgan (University of Leeds), Hong Phuc Vu (University of Leeds) and Victoria Vry (Imperial College).

Details on the Society's bursary programme can be found on the website www.minersoc.org/ pages/awards/awards.html

MINERALOGICAL MAGAZINE — MANUSCRIPT E-SUBMISSION AND TRACKING GOES LIVE



In mid-March, online submission and tracking of manuscripts to *Mineralogical Magazine* went live. In order to submit your paper to the journal, please go to www.minersoc.org/pages/e_journals/minmag.html and click on the "Submit" button. The new system will enable more rapid turnaround of manuscripts and will allow authors to check progress.



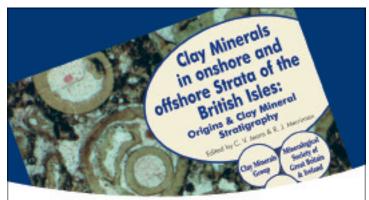
Brazil Capim Basin kaolin mining, processing and applications HH MURRAY, C ALVES AND CH BASTOS)

- Identification and characterisation of iron-rich smectites in Camlica region of West Turkey Y Seki and K Yurdakoc
- Land erosion and associated evolution of clay mineral assemblages from soils to artificial lakes in two distinct climatic regimes in Portugal and Brazil
 R FONSECA, FJAS BARRIGA AND K TAZAKI
- Surface modification of bentonites. V. Sol-gel transitions of calcium montmorillonite in the presence of endcapped poly(ethylene oxides) G Lagaly and S Zeisner

CONTENTS OF THE JUNE 2007 ISSUE OF CLAY MINERALS

- Clay mineral genesis and chemical evolution in the Miocene sediments of Somosaguas, Madrid basin, Spain
 O FESHAKARI, E GARCIA-ROMERO, J CUEVAS-GONZALEZ AND N
 LOPEZ-MARTINEZ
- Synthesis of ZSM-5 on kaolin microspheres without organic amine template
 SHU-HONG SUN, JIAN-TAI MA, XIONG-HOU GAO
- Thermally induced mineral and chemical transformations in marls around a basaltic dyke (Perthus Pass, southern Massif Central) possible long-term implications as natural analogue of nuclear waste disposal C Henry, J-Y Boisson, A BOUCHET AND A MEUNIER
- Evaluation of selected kaolin clays as a raw material for the Turkish cement and concrete industry
 A ARAS, M ALBAYRAK, M ARIKAN AND K SOBELEV
- R ≥1 type illite-smectite formation at near-surface temperatures A SANDLER AND H SAAR

JUNE 2007



EDITED BY C.V. JEANS (Cambridge) AND R.J. MERRIMAN (British Geological Survey)
Published 2006 by the Mineralogical Society of Great Britain & Ireland
Hardback, 512 pp + index

Clay Minerals are the main component of many of the onshore and offshere sedimentary strate of the British Isles. They deminate the great Teriary, Mesozeic, Carbonilerous and Lower Palaeczoic mudstone formations and influence their physical and chemical stability. Clay minerals are a widespread cement in water and hydrocarbon reservoirs. Published and unpublished clay mineral data of the last 50 years are brought together, synthesized and interpreted within a regional and stratigraphical framework. Leading experts deal with the Tertiary (J.M. Huggett, R.W.O'B. Knoel, Oretaceous/Junassic G.E. Fallick, R.S. Hazzeldine, C.V. Jeans, M. Wikinsont, Perme-Trics (C.V. Jeans, K. Ziegler), Cerbonilerous (H.F. Shaw, D.A. Speans), Old Red Sandstone/ Devonian (S.Hillier, R.J. Merriman).

THIS IS AN ESSENTIAL REFERENCE BOOK FOR UNIVERSITIES AND ALL PROFESSIONAL GEOLOGISTS AND ENGINEERS WHO DEAL WITH SOLLS AND SEDIMENTARY ROCKS.

"...why should it (this book) be of interest to clay mineralogists outside the UK? The short answer is that it addresses many generic questions of clay mineral evolution during verted geological events at a regions of Scale." — D.I. Morgan — Clays and Clay Minerals.

LIST PRICE: £70



Price for Members of the Mineralogical Society: £49 Price for readers of Elements (until end 2007): £49

> Postage and packing UK 65.95 Europe 69.95 Over 616.96



www.minersoc.org

JOIN THE MINERALOGICAL SOCIETY TODAY

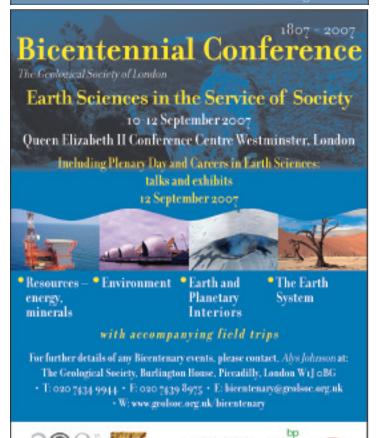


Students if you are studying the mineral sciences you can join the Society today and get your first year's membership absolutely FREE!! As long as you are a student subsequent years' membership is only £10.00. Membership brings you six copies a year of *Elements* the internationally acclaimed magazine of the mineral sciences as well as discounts on a range of publications and meeting registrations.

DOWNLOAD an application form now from the home page of our website at www.minersoc.org



Atternatively enquiries can be addressed to the Executive Secretary of the Mineralogical Society at 12 Baylis News, Armyand Park Road, Twickenham, Middlesex TW1 3HQ, Tel. 020 8891 9800 E-mail info@minersoc.org



Bicentennial year

platinum sponsors:

