

FORTHCOMING PAPERS

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

- Victor A. Drits, Douglas K. McCarty and Bella B. Zviagina. Crystal-chemical factors responsible for the distribution of octahedral cations over *trans*- and *cis*-sites in dioctahedral 2:1 layer silicates
- Edward Peltier, Ramakumar Allada, Alexandra Navrotsky and Donald L. Sparks. Nickel solubility and precipitation in soils: a thermodynamic study
- Nicolas Perrier, Robert J. Gilkes and Fabrice Colin. Heating iron oxide rich soils increases the dissolution rate of metals
- M.A. Wells, R.W. Fitzpatrick and R.J. Gilkes. Thermal and mineral properties of Al, Mn, Cr, Ni and Ti-substituted goethite
- Kangwon Lee, Joel E. Kostka and Joseph W. Stucki. Comparisons of structural iron reduction in smectites by bacteria and dithionite: an infrared spectroscopic study
- Rainer Dähn, Michel Jullien, André M. Scheidegger, Christophe Poinssot, Bart Baeyens and Michael H. Bradbury. Identification of neoformed Ni-phylosilicates upon Ni uptake in montmorillonite: a transmission electron microscopy and extended X-ray absorption fine structure study
- Grzegorz Jozefaciuk and Dorota Matyka-Sarzynska. Effect of acid and alkali treatment on nanopore properties of selected minerals
- Emilio Galán, Patricia Aparicio, Ángel La Iglesia and Isabel González. The effect of pressure on order/disorder in kaolinite under wet and dry conditions
- Giovanna Giorgetti, Thomas Monecke, Reinhard Kleeberg and Mark D. Hannington. Low-temperature hydrothermal alteration of silicic glass at the PACMANUS hydrothermal vent field, Manus Basin: an XRD, SEM, and AEM-TEM study
- Åsa Zazzi, Tomas K. Hirsch, Ekaterina Leonova, Andrei Kaikkonen, Jekabs Grins, Hans Annersten and Mattias Edén. Structural investigations of natural and synthetic chlorite minerals by X-ray diffraction, Mössbauer spectroscopy and solid-state nuclear magnetic resonance
- Junfeng Ji, Liang Zhao, William Balsam, Jun Chen, Tao Wu and Lianwen Liu. Detecting chlorite in the Chinese loess sequence by diffuse reflectance spectroscopy