

FORTHCOMING PAPERS

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

- James L. Bonczek, Willie G. Harris and Peter Nkedi-Kizza. Monolayer to bilayer transitional arrangements of hexadecyltrimethylammonium cations on Na-montmorillonite
- Valérie Billault, Daniel Beaufort, Patricia Patrier and Sabine Petit. Crystal chemistry of Fe-sudoites from uranium deposits in the Athabasca basin (Saskatchewan, Canada)
- Deng S. Yang and Ming K. Wang. Syntheses and characterization of birnessite by oxidizing pyrochlorite in alkaline conditions
- Satoru Kuwaharada, Hiroshi Tateyama, Satoshi Nishimura and Hideharu Hirose. Smectite quasicrystals in aqueous solutions as a function of cationic surfactant concentration
- Pankaj Srivastava, Tapas Bhattacharyya and Dilip Kumar Pal. Significance of the formation of calcium carbonate minerals in the pedogenesis and management of cracking soils (Vertisols) of India
- F. Franco and M.D. Ruiz Cruz. High-temperature X-ray diffraction, differential thermal analysis and thermogravimetry of the kaolinite-dimethylsulfoxide intercalation complex
- Yoshito Nakashima. Diffusion of H₂O and I⁻ in expandable mica and montmorillonite gels: contribution of bound H₂O
- Motoharu Kawano and Katsutoshi Tomita. Microbiotic formation of silicate minerals in the weathering environment of a pyroclastic deposit
- Guangyao Sheng, Cliff T. Johnston, Brian J. Teppen and Stephen A. Boyd. Adsorption of dinitrophenol herbicides from water by montmorillonites
- Steve J. Chipera and David L. Bish. Thermal evolution of fluorine from smectite and kaolinite
- Alicia Negron, Sergio Ramos, Alexander L. Blumenfeld, Graciela Pacheco and Jose J. Fripiat. On the structural stability of montmorillonite submitted to heavy γ -radiation
- S. Shoval, S. Yariv, K.H. Michaelian, M. Boudeulle and G. Panczer. Hydroxyl-stretching bands in polarized micro-Raman spectra of oriented single-crystal Keokuk kaolinite
- Victor A. Drits, Holger Lindgreen, Boris A. Sakharov, Hans Jørgen Jakobsen, Alfred L. Salyn and Lidia G. Dainyak. Tobelitization of smectite during oil generation in oil-source shales. Application to North Sea illite-tobelite-smectite-vermiculite