

Call for Papers

Symposium MM: Advances in Materials for Cementitious Composites, MRS Fall Meeting, November 30-December 4, 1997, Boston, MA. The use of traditional cement and the concretes manufactured from it far surpasses the consumption of any other manmade construction material. Modern construction techniques are placing increasing demands on this popular material. Increasingly, these new demands are being met by using either new materials or traditional materials in novel combinations with portland cement. Experimental or theoretical discussions that elucidate various aspects of the structure-composition-property relationship in modern cementitious systems are invited. Suggested topic areas include:

Novel systems: composition, processing and/or performance; Durability: design, characterization and environment effects; New applications for cementitious materials; Use of composite materials (fiber-reinforced polymers or FRPs) as reinforcement to concrete for new construction and repair; interface performance, bond and development length; effects on crack spacing and width; effects on concrete tension stiffening; thermal compatibility; and durability; Use of waste and by-product materials in cement and concrete; Characterization and use of advanced coal combustion by-products for applications in cement and concrete; Incinerator ash characterization and use; Manufactured pozzolans; Chemical admixtures and additives for cements and concrete; Applications of cement and concrete in waste disposal; Modeling; Fracture processes: characterization and microstructural relationships; Nanostructure of cementitious materials; Rheological behavior of cement pastes and concretes; and Cement manufacturing.

Abstracts submitted via the MRS Website must be received by the June 23 deadline. Abstracts submitted by e-mail, fax or the postal service must be received by the June 20 deadline. Contact the Symposium Organizers: Michael R. Silsbee, 225 Materials Research Laboratory, Pennsylvania State University, University Park, PA. Tel: (814) 865-0285; Fax: (814) 865-2326; e-mail: mrs1@alpha.mrl.psu.edu; Judy LaRosa Thompson, PQ Corporation, 280 Cedar Grove Road, Conshohocken, PA 19428-2240. Tel: (610) 651-4601; Fax: (610) 825-8754; e-mail: pq/rd/jthom%pq@mcimail.com; Choon-Keun Park, Cement and Concrete Division, Sangyong Research Center, P.O. Box 12, Yuseong, Taejeon 305-345, Korea. Tel: 82-42-8651661; Fax: 82-42-865178; e-mail: ssrccemen@bora/dacom.co.kr. General meeting information, contact MRS Headquarters. Tel: (412) 367-3003; Fax: (412) 367-4373; e-mail: info@mrs.org or MRS Website: <http://www.mrs.org/>

ERRATUM

In the published paper "Delayed ettringite formation in 4-year-old cement pastes" by R. Yang et al. (Vol. 26, pp. 1649-1659, 1996), part of the captions to Figures 6 and 7 were omitted. These should have included:

Figure 6: ih = inner hydrate; oh = outer hydrate; sa = sulphoaluminate hydrates

Figure 7: ind = analyses in the inner and darker zones
otl = analyses in the outer and lighter zones