

News and events

17–22 March 1991, Boston, USA

Materials science in concrete

Contributions are solicited to the annual convention of the American Concrete Institute, to be held in Boston in March 1991. Technical sessions will be conducted under the joint sponsorship of the ACI Materials Research Council and the NSF Science and Technology Centre for Advanced Cement-based Materials. Topics to be covered include novel methods for concrete materials characterization, applications of materials science concepts to development of high performance concrete systems, the relationship between physical and chemical properties and engineering properties such as creep and fracture.

Further information is available from Lawrence R. Roberts, W. R. Grace & Co.-Conn., Construction Products Division, 62 Whittemore Avenue, Cambridge, MA 02140, U.S.A. Tel. 617 876 1400.

3–5 July 1991, Dijon, France

Hydration and setting

A workshop on hydration and setting is to be held in Dijon on 3–5 July 1991 to precede the International Congress on Colloid Science (Compiègne, 8–12 July). It is hoped to bring together specialists from the field of colloidal science and the chemistry of hydraulic binders, with the aim of clarifying the physicochemical phenomena related to the setting of such binders and their relations to the changes in mechanical properties at this stage.

A call for papers has been issued; titles and abstracts should be submitted during October. The workshop will be restricted to 30–35 participants.

For further details, contact Professor P. Barret, Laboratoire de Recherches sur la Réactivité des Solides, Faculté des Sciences Mirande, BP 138, 21004 Dijon Cedex, France. Tel. (33) 80 39 61 66, fax (33) 80 39 50 69.

4–9 August 1991, Montreal, Canada

Durability of concrete

The second CANMET/ACI International Conference on Durability of Concrete is to be held on 4–9 August

1991 at the Sheraton Centre, Montreal. The purpose of the conference is to bring together leading researchers from industry, universities and governments to discuss their current work and areas requiring further research. A tentative programme lists more than 180 papers from researchers in 27 countries.

Further information is available from the conference Chairman, Mohan Malhotra, CANMET, 405 Rochester Street, Ottawa, Ontario, Canada K1A 0G1. Tel. (613) 996 5449, fax (613) 992 9389.

4–6 December 1991, Hong Kong

Evaluation and rehabilitation of concrete structures

The American Concrete Institute is sponsoring an International Conference on Evaluation and Rehabilitation of Concrete Structures and Innovations in Design, to be held in Hong Kong in December 1991 with the aim of disseminating technical information on emerging concrete technology in the Pacific Rim region. A call for papers has been issued on these two themes.

Further information is available from William R. Tolley, American Concrete Institute, 22400 W. Seven Mile Road, Detroit, MI 48219-1849, USA. Fax. (313) 532 0655.

3–8 May 1992, Istanbul, Turkey

Fly ash, silica fume, slag and natural pozzolans in concrete

11–12 May 1992, Athens, Greece

Advances in concrete technology

A call for papers has been issued for the fourth CANMET-ACI International Conference on Fly Ash, Silica Fume, Slag and Natural Pozzolans in Concrete, to be held in Istanbul on 3–8 May 1992. The conference will be followed by an International Symposium on Advances in Concrete Technology, which will be held in Athens on 11–12 May.

The purpose of the conferences will be to bring

together leading researchers from industry, universities and governments, to present new developments, and to encourage the transfer of technology relating to the use of these materials in concrete.

Further details are available from Mohan Malhotra, CANMET, 405 Rochester Street, Ottawa, Ontario, Canada K1A 0G1. Tel. (613) 992 9389, fax (613) 992 9389.

19–21 June 1991, Noordwijk, The Netherlands

Fracture processes in brittle disordered materials

This conference will be of interest to physicists, specialists in fracture and continuum mechanics, and materials scientists dealing with rock, concrete and ceramics. Themes will include: continuum mechanics based approaches; damage and micromechanical modelling; rate effects (fatigue and sustained loading); structure and non-linear behaviour of heterogeneous materials; numerical modelling of failure processes; fracture mechanics test methods for concrete, rock and ceramics (destructive and non-destructive) and applications of fracture mechanics.

Further information is available from Mrs R. Komen-Zimmerman, Congress Office ASD, PO Box 54, 2640 AB Pijnacker, The Netherlands. Tel. 31 1736 5356, fax 31 1736 2242.

21–25 January 1991, New Delhi, India

Cement and building materials

The third international NCB seminar on this subject will review process in cement, lime and allied technologies; address issues in developing countries, and focus on international technological co-operation. Themes include: productivity enhancement in operating plants, including energy conservation; modernization of manufacture of cement and allied building materials through improved techniques and installations; new technologies, processes, equipment and products; and review of performance and use of cement and allied building materials.

Further details are available from: Third NCB International Seminar, National Council for Cement and Building Materials, M-10, South Extension II, Ring Road, New Delhi 110 049, India. Tel. 91 11 644 0133, fax 91 11 644 8886, telex 031 66261.