

International symposium on brittle matrix composites – BMC 5

Warsaw, Poland, 13-15 October 1997

RILEM Co-sponsorship under consideration, subject to final approval of the RILEM General Council

INTRODUCTION

The Symposia on "Brittle Matrix Composites" (BMC) provide an opportunity to bring together scientists and engineers concerned by this subject. They create favorable conditions for participants to exchange information, present papers, participate in discussions and activate personal contacts in an informal and friendly atmosphere.

The Symposia on "Brittle Matrix Composites" are organized by the Institute of Fundamental Research (IFTR) of the Polish Academy of Sciences. The IFTR is the major multidisciplinary research institute of the Technical Department of the Polish Academy. The series of BMC Symposia was initiated by the highly successful EUROMECH 204 Colloquium on Brittle Matrix Composites, held in Jablonna in November 1985, and subsequently renamed BMC 1. Three years later, in September 1988, the BMC 2 Symposium was held in Cedzyna, followed by the BMC 3 Symposium in Warsaw in September 1991 (Proceedings were published by Elsevier Applied Science). In 1994, The BMC 4 Symposium was also held in Warsaw (Proceedings were published jointly by Polish and English publishers). Since the beginning, the Symposia Co-

Chairmen have been Prof. A. M. Brandt from the Polish Academy of Sciences, Institute of Fundamental Technological Research, and Prof. Dr. I. H. Marshall from Paisley College, Department of Mechanical and Production Engineering, Scotland. For the BMC 4 Symposia, Prof. Dr. V. C. Li from the University of Michigan, Ann Arbor, USA, also served as Co-Chairman. This chairmanship will be maintained at the BMC 5 Symposium.

SUBJECT

Review of the current status and developments on all aspects of brittle matrix composites, associated with four main groups:

- Cement based materials;
- Ceramics;
- High strength composites;
- Brittle polymer composites.

A list of the topics will include:

- Design studies and computational methods;
- Theoretical considerations;
- Prediction of behaviour;
- Fracture mechanics;
- Experimental methods and results;
- Applications and manufacturing processes;
- Durability.

CALL FOR PAPERS

Only unpublished papers and reports are presented orally or on posters. These include original results of research, reports from the new applications and valuable review papers. All papers are accepted on the basis of abstracts reviewed by the members of the International Advisory Panel in conjunction with the Symposium Organizing Committee. Papers are presented, discussed and published exclusively in English.

Apply to Prof. Dr. A. M. Brandt
Polish Academy of Sciences
Institute of Fundamental Technical Research
Swietokrzyska 21, 00-049 Warsaw,
POLAND
Fax (4822) 26 98 15
Phone (4822) 26 12 81

Abstracts of 500 words must be received by 1st November 1996. Notification of acceptance will be given during December 1996. Final drafts will be required by 1st May 1996.

Proceedings will be published in hard-back and be available at the Symposium.

Recommendation for test method for the freeze-thaw resistance of concrete with sodium chloride solution (CDF).

After publication of the draft recommendation in *Materials and Structures*, vol. 28, pp. 175-182, for general consideration, all comments have been discussed at the last meeting of RILEM TC 117 in Sapporo, 1995. Major objections have been taken into account in the text, so that TC 117 decided to publish the new text as a final recommendation.

Publication is planned in the November issue of *Materials and Structures*.

ERRATA

In "Electrochemical noise technique for the prediction of corrosion rate of steel in concrete", *Materials and Structures*, June 1996, pp. 286-294, by M. J. Katwan, T. Hodgkiss and P. D. Arthur, the following corrections should be made:

page 287: Table 1, line 2: MU60NIL should read MU60NIY
Table 1, line 15: MU60-MIY should read MU60-NIY

page 289: Fig. 4: water; jacket dimensions should read water jacket dimensions

page 294: Reference 3: Hlandky should read Hladky.