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Short course on «Composite Steel-Concrete Construction and Eurocode 4» Brussels, September 3 – 4, 1990

Introduction

The introduction in 1992 of the Eurocodes by the Commission of the European Communities (C.E.C.) is of interest to many European and other practitioners. A unique opportunity is given just before the Symposium on «Mixed Structures, including New Materials» to learn directly from lecturers who have been personally involved in the technical discussions which have led to the elaboration of Eurocode 4 «Composite Structures».

Among the several codes the C.E.C. intends to issue, Eurocode 4 will provide the most updated information for the design and fabrication of composite steel concrete construction.

Course objectives and description

Composite steel-concrete construction refers to structural systems in which concrete and structural steel are so interconnected that they act compositely in order to take full advantage of the respective properties and performance of both materials.

The objective of the short course is to teach the practitioners basics and recent important developments achieved in the field of behaviour and design of steel-concrete composite elements and structures. The course will also serve as an Introduction to the guidelines and design rules presented in Eurocode 4.

The short course – taught in English – will be divided in 6 sessions each with a 1 hour lecture and 30' discussion. The lectures are devoted to the analysis methods, composite beams and girders, columns and floors, and bridges; one workshop is on case studies. A documentation will be handed over at the beginning of the short course.

Course director:

J. Janss (CRIF, Belgium)

Lecturers

- Prof. J. Stark (TNO, NL)
- Prof. H. Bode (Univ. of Kaiserslautern, FRG)
- Prof. Kindmann (Univ. of Bochum, FRG)
- Dr. Bergmann (Univ. of Bochum, FRG)
- M. Crisinel (Swiss Fed. Inst. of Techn., Lausanne, CH)
- Dr. J.P. Lebet (Swiss Fed. Inst. of Techn., Lausanne)
- J.M. Cremer (Consulting Engineer, B)

Participants

Structural engineers and construction managers from consulting offices, industry, education and government agencies as well as researchers and graduate students having a basic background but interested in increasing their knowledge in the design of composite steel concrete elements and structures are especially concerned with the short course.

Early registration is recommended as enrollment is limited to 50 participants.

Information and registration:

IABSE Secretariat

More information will be sent in June 1990 to those showing their interest in participating.

This Short Course is organized with the sponsorship of: Fabrimétal, Brussels, and CEMBUREAU, The European Cement Association, Brussels.

