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Preface

Eurocode 1 is in the process of publication in several Parts as ENV (European prestandards). It gives the basis and the actions to be taken into account in the design of structures made from all materials. It is therefore a central document of great importance for the safety and economy of buildings and other civil engineering structures in Europe.

At the International IABSE Conference in Davos, 1992, the draft of Eurocode 1: Part 1 was presented, together with the drafts of other Eurocodes. Much progress has been made since then and the most Parts of Eurocode 1 were agreed in 1994. The majority of the documents are now available.

The present Colloquium gives an overview of Eurocode 1 and its present stage of development. Its implication on the design of steel, concrete, timber and masonry structures is described. Particular items in relation with earthquakes, geotechnical design, bridge design and fire engineering are discussed. The Colloquium also addresses the evolution of other regional codes, such as American and Asian codes, and the development of ISO standards and their comparison with the Eurocodes.

The papers and discussions have the general objective to facilitate the use of the ENV version of Eurocode 1 and to gather input for its future development and improvement.

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