

ANNOUNCEMENTS

Short Course on NUMERICAL METHODS IN GEOMECHANICS INCLUDING CONSTITUTIVE MODELLING

International Centre for Mechanical Sciences (CISM), Udine, Italy
10–14 July, 1989

The aim of this course is to present researchers and consultants working in the various branches of geomechanics with an update of the research on the development and application of numerical methods in geotechnical and foundation engineering. Particular attention will be paid to the use of non-linear material models in the analysis of complex engineering works.

The course will cover the constitutive modelling of geological media and interfaces, the dynamic analysis of saturated and anelastic soils, the numerical solution of tunnelling problems, the coupling of finite elements and boundary elements for two- and three-dimensional problems, the analysis of deep foundations, the analysis of consolidation and of two-phase problems, the numerical procedures for the interpretation of field measurements (or back analysis), and the finite element solutions of free surface seepage problems.

The people attending the course should have a soil

mechanics background and should be familiar with the basis of the finite element and boundary element methods. Detailed lecture notes will be supplied during the course.

The speakers will be: Professor C. S. Desai (University of Arizona, U.S.A.); Professor D. Aubry (Ecole Centrale, Paris, France); Professor G. Gioda (University of Udine, Italy); Professor S. Sakurai (University of Kobe, Japan); Professor B. Schrefler (University of Padova, Italy); Professor I. M. Smith (University of Manchester, U.K.); Professor G. Swoboda (University of Innsbruck, Austria).

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Colour illustrations in IJNMF

Commencing in 1989 this journal will publish a limited number of colour illustrations to accompany papers where appropriate.

These illustrations will be printed as a plate section within the paper in which they appear.

Authors wishing to submit colour illustrations should refer to item 13 of the Notes to Contributors in this issue.

This new development will, we hope, enhance the presentation of the papers in question and add to the overall quality of the Journal.

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