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**IABSE Colloquium**  
**Copenhagen, Denmark, May 21 - 23, 1979**  
**Plasticity in Reinforced Concrete**

As a great interest was shown for this colloquium (250 pre-registrations received for 100 seats available), it is recommended to register before **March 31, 1979**.

**General Information**

The Colloquium takes place from Monday, 21st to Wednesday, 23rd of May 1979 at the Technical University of Denmark, Lyngby, Denmark (10 km north of Copenhagen). English is the official language of the Colloquium. No simultaneous translation will be provided. The registration form and the registration fee should be sent in before March 31, 1979.

**Scientific Programme**

Each working session will develop according to the following pattern:

1st Introductory Lecture  
 Presentation of papers  
 Discussion  
 Break

2nd Introductory Lecture  
 Presentation of papers  
 Discussion

**Session 1 — Constitutive Equations — Yield Criteria**

Chairman: Prof. K.H. Gerstle, USA

Introductory Lectures:

"Constitutive Equations for Concrete"

Prof. W.F. Chen, USA

"Yield Criteria for Elements of Reinforced Concrete Slabs"

Dr. C.T. Morley, Great Britain

**Session 2 — Beams and Shear Walls**

Chairman: Prof. D.H. Clyde, Australia

Introductory Lectures:

"Plastic Analysis of Reinforced Concrete Shear Walls"

P. Marti, Switzerland

"Plastic Analysis of Reinforced Concrete Beams"

Prof. B. Thürlimann, Switzerland

**Session 3 — Slabs**

Chairman: Prof. Ch. Massonnet, Belgium

Introductory Lectures:

"The Theory of Plasticity for Reinforced Concrete Slabs"

Prof. M.P. Nielsen, Denmark

"Punching Shear in Concrete Slabs"

M.W. Braestrup, Denmark

**Session 4 — Numerical Methods**

Chairman: Prof. H. Okamura, Japan

Introductory Lectures:

"On the Finite Element Method in the Field of Plasticity"

Prof. E. Anderheggen, Switzerland

"Collapse Load Analysis of Engineering Structures by Using New Discrete Element Models"

Prof. T. Kawai, Japan



**Session 5 — Specifications Based on Plastic Analysis**

Chairman: Prof. T. Brøndum-Nielsen, Denmark

No lecture will introduce this session, so that the full time will be available for presentation of papers and for discussion.

**Reports and Papers**

The **Introductory Report** presents a comprehensive basis for a clear and meaningful discussion at the Colloquium.

The Introductory Report has been issued and can be ordered at the Secretariat of IABSE by joining a check of Swiss Francs 36.-. (168 pages; 8 contributions in English, with summaries in English, French and German)

Participants are invited to contribute **papers** to anyone of the five sessions. The papers should be submitted for review by the Organizing Committee before February 28, 1979 to the Secretariat of IABSE.

Accepted papers will have to be prepared according to "IABSE Instructions for setting out articles to be included in IABSE Publications", available at the IABSE Secretariat in Zurich, and will be limited to 8 pages.

The **Final Report** will be published in August 1979 and will contain the papers presented at the Colloquium. It will be mailed automatically to all participants and will be also available at the IABSE Secretariat.

The Final Invitation is available at the

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