

## HUMIDITY IN BUILDING

THIS is the topic of the next seminar to be organized by the College International des Sciences de la Construction (International College of Building Science) at Saint-Rémy-lès-Chevreuse, 23–25 November 1982, with the cooperation of UNESCO. Simultaneous interpretation will be provided.

The theoretical and practical aspects of humidity in building will be considered from the point of view of human and energy requirements and in respect to the durability of structures. The following subjects will be presented:

Heat and mass transfers in materials

S. Bories (Institut de Mécanique des Fluides, Toulouse)

Diffusion of moisture in materials and transfer of moisture at interfaces

P. Crausse (Institut de Mécanique des Fluides, Toulouse)

Rain penetration through external vertical surfaces of cavity walls

B.H. Vos (Institute TNO for Building Materials and Building Structures, Netherlands)

Heat and moisture transfer in walls and variations in insulating properties

C. Langlais (Isover St-Gobain CRIR, France)

Vapour barrier problems

S. Klarsfeld (Isover St-Gobain CRIR, France)

Influence of humidity on energy consumption in premises with intermittent heating

R. Fauconnier (Direction de la Recherche UTI, France)

Evaluation of the risks of condensation with increased insulation

P. Delcellier (CSTB, Paris)

G. Olive (Plan Construction, France) will draw up an inventory of the parameters involved in the hygrothermal behaviour of a building and P. O. Fanger (Technical University of Denmark) will talk about man and interior climate. The question of damage caused by transfers and possible measures to prevent this will be dealt with by H. Hens (Katholieke Universiteit Leuven) with reference to damage to roofs depending on their hygrothermal behaviour and by G. Y. Sebestyen (CIB, Rotterdam) on the deterioration in building caused by heat and moisture transfers due to errors in design and construction.

Additional information is available from

Mrs. C. Glaize,

ITBTP-Collège International,

9 rue La Pérouse,

75784 Paris Cedex 16,

France

(Tel. (1) 720.10.20, ext. 3103, telex FEDEBAT 611975 F)