

FIRST MINI EURO CONFERENCE  
The Management and Modelling of Dynamic Systems  
Bruges, June 12-14, 1984

R E P O R T

ORGANIZING COMMITTEE

UNIVERSITY OF MONS: P. COUVREUR and J.C. VANSNICK  
UNIVERSITY OF BRUSSELS: P. ALLEN, G. ENGELEN and M. SANGLIER

PARTICIPANTS

About 80 participants from 13 different countries joined the conference (11 European countries, 2 participants from the U.S.A. and 2 from CANADA).

SCIENTIFIC PROGRAMME

FIRST DAY: JUNE 12, 1984

- OPENING SESSION (J.P. BRANS, President of EURO; H.J. ZIMMERMANN, Past-President; J. TEGHEM, President of Sogesci)  
The role and the instruments of EURO, its history, its development and the perspectives for the future were stressed by the speakers. This session was particularly appreciated for the variety of the speakers, their clearness and their humor.
- REVIEW OF DIFFERENT APPROACHES TO DECISION AID  
J.P. BRANS: O.R. Optimization and Decision making  
P. ALLEN: System Dynamics, Complexity, Self-organization and strategies  
These didactic lectures were foreseen by the organizers in order to emphasize the possible cooperation of O.R. in the modelling of complex systems.
- A KEY-NOTE LECTURE OF PROF. I. PRIGOGINE (Nobel Laureate)  
The possible contributions of Modern Physics to the modelling of dynamic social systems were exposed by Professor PRIGOGINE in a masterly fashion.

SECOND AND THIRD DAYS: JUNE 13-14, 1984

About 25 papers were offered to the participants. Eight sessions, some of which in parallel, were organized:

- Dynamic Spatial Modelling
- Financial Modelling
- Sensitivity and Stability of Dynamic Systems
- New Modelling tools
- Methodology of Decisional Aid
- Modelling Methodology
- Case studies
- Chaotic dynamics

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In the evening of June 13, 1984, Dr. Ditmar Saupe, member of the group "Komplexe Dynamik" of the University of Bremen presented a series of Video Films exploring the incredible complexity and beauty of fractal boundaries starting from dynamic systems. It was a marvellous spectacle, a meeting of Art and Science giving the paradoxical relationship between simplicity and complexity.

#### PRACTICAL ORGANIZATION

The Conference was held at the College of EUROPE in the framework of the beautiful old city of Bruges. This College, sponsored by the E.E.C., offers nice conference rooms, accomodation and meals. All the participants were extremely satisfied by the agreeable atmosphere, the human and scientific contacts offered by the College.

#### CONCLUSION

This first MINI EURO conference may actually be considered as a remarkable success. The creation of a working group on the modelling of Dynamic social systems is considered. A special issue of EJOR could be devoted to the papers presented at the Conference.

The organizers