INTERNATIONAL CONFERENCE ON METHODS AND APPLICATIONS OF MULTICRITERIA DECISION MAKING

> ## May 14-16 1997

Organized by *FUCAM*,
Facultés Universitaires Catholiques de Mons
Chaussée de Binche 151
B-7000 MONS
Belgium
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of the "*Ministère de la Région Wallonne*"
and the "*F.N.R.S.*"

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THE UNIVERSITY

With about 1500 students from 27 different countries, **Fucam** is one of the 9 French speaking Belgian universities. For a century, Fucam has developed teaching and research activities in management. European and North American students exchanges have always been promoted to offer an international experience to future graduates.

THE CITY

The town of Mons was built in the VIIth Century by the noble Lady Waudru who founded there a convent. The present map of Mons "intra-muros" is nearly the same than during the Middle Age. From the Main Square, the radial roads that link the town with the outside already existed before the XIIth C. Mons is topped by a belfry tower erected during the 17th C. A lot of events stood out as landmarks in the town's history. Among these, in 1691, the troups of Louis XIVth destroyed the city to a great extend and was the cause of its rebuilt according to an architectural plan staid nearly intact.

Mons contains within its walls treasures acquired during more than a thousand years. Let's discover in its old streets its numerous monuments, churches and private houses as well as the gothic Collegiate Church of St Waudru and the 15th C Town Hall.

LOCATION OF THE CONFERENCE

Ateliers de la Fucam - Rue des Soeurs Noires - 7000 MONS - BELGIUM
Tel. : + 32 65 35 33 88
Fax : + 32 65 35 57 42

COMMUNICATIONS

Mons can be preferably reached by train either from Paris or from Brussels. People interested in participating in the Conference will receive with a map of Mons a train timetable.

LANGUAGE

The official language of the Conference is English. All presentations will be made in English. No arrangements are available for simultaneous translation.

REGISTRATION FEES

8000 BEF (including coffee, lunches, conference dinner and a copy of the book of abstracts) for the payments made before April 20 ; **10.000 BEF** after April 20. Students will benefit from a reduction of **50%** (please send a copy of the 1997 student card with the registration form).

HOTEL ACCOMODATION

Hotel "*Lido*" (Rue des Arbalestriers, 112 - 7000 MONS ; tel. 32 65 32 78 00 - fax 32 65 84 37 22) has been chosen for the members of the Conference (± 15 minutes walk from the Ateliers). Mons is a small town with only 3 hotels, so do not hesitate too long before reserving a room !

> Price of single room : 2500 BEF per person and per night, including breakfast
> Price of double room : 3500 BEF per room per night including breakfast
> (= 1750 BEF per person).

CONFERENCE DINNER

A fee of 3000 BEF is asked for accompanying persons attending the *Conference Dinner* (and the cruising on the Meuse) on *Thursday, May 15*. This fee does include neither the participation to the Conference, nor the documents.

Secretariat : All correspondence should be addressed to :
      Mrs Diana RAULIER, Conference secretary
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Please do not hesitate to contact the secretariat if you require any additional information or assistance.

THURSDAY MAY 15

9-10 H Plenary session : *D. BOUYSSOU - M. PIRLOT* - *Conjoint measurement without additivity and transitivity*
Chairperson : V. BELTON
Room 15

10 - 10 H 30 : COFFEE BREAK

	room 1	room 2	room 11	room 15
10.30 - 12.30	*INDUSTRIAL APPLICATIONS (2)* ***X. Gandibleux*** ***X. GANDIBLEUX, I. CREVITS*** *Multicriteria assignment for dynamic task allocation in air traffic control* ***G. GALLENTI*** *A multicriteria approach to consumer demand : the quality analysis of agri-food products* ***Ph. LEHERT, M. LINARD*** *Multiple random criteria decision making applied to the product comparison in quality control. Proposals based on multivariate analysis of variance MAnoVa* ***I. AGEEV*** *Trajectory approach to resource distribution subsystem design in decision support systems*	*MCDM IN FUZZY ENVIRONMENT* ***J. Fodor*** ***M. ROUBENS*** *Interaction between criteria forming a coalition* ***B. DE BAETS,*** ***B. VAN DE WALLE,*** ***E. KERRE*** *A TWO-PARAMEters class of fuzzy preference structures* ***J. FODOR, J.L. MARICHAL*** *On nonstrict means* ***J. FODOR*** *Multicriteria decision making without numbers*	*MULTICRITERIA OPTIMIZATION* ***M. Ehrgott*** ***M. EHRGOTT*** *Multiple criteria optimization classes and their relations to Pareto optimality* ***T. GOMEZ, M. GONZALEZ,*** ***M. LUQUE, F. MIGUEL,*** ***F. RUIZ*** *A hierarchical generating method with non feasible decomposition for large-scale systems* ***W. ZHONGPING,*** ***J. CHANGMING*** *A maximum entropy - approximation method for semi-infinite minimax problem* ***I. OTHMANI*** *A new concept for multiple criteria optimization : the a-efficient solution*	*MATHEMATICAL THEORY OF VECTOR OPTIMIZATION* ***H. Nakayama*** ***DO SANG KIM, LEE GUE MYUNG*** *Duality for multiobjective fractional variational problems with generalized invexity* ***DO SANG KIM,*** ***GUE MYUNG LEE,*** ***BYUNG SOO LEE*** *Vector variational inequality and vector optimization problems* ***T. TANAKA*** *Generalized minimax theorems for multi-valued functions* ***T. TANINO, H. KUK*** *Sensitivity analysis in multiobjective optimization*

12.30 - 14.00 : LUNCH