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CNRS-LAMSADE, PSL UNIVERSITY, UNIVERSITÉ PARIS



LECTURE SERIES

DECISION AIDING FOR POLICY DESIGN AND EVALUATION

a cura di

Alessandra Oppio, DASTU Politecnico di Milano

SALA RIUNIONI, EDIFICIO 29 "CARTA"

PIAZZA LEONARDO DA VINCI, 26

ORE 14⁰⁰ - 16⁰⁰

Preference modelling.

25 January
2023

From preference statements
to ordered sets.

Languages for preferences.

The talk focus on how preference statements, freely expressed by a user/client/decision maker are modelled in formal models aiming at supporting the elaboration of a decision model.

We analyse the formal properties of the binary relations and more specifically of binary relations and then we analyse a number of fundamental representation theorems (weak orders, interval orders, multiple threshold orders etc.).

Finally we introduce the notion of a preference modelling language aiming at expanding the modelling nuances through a formal representation of uncertainty and hesitation.

WELCOMING & INTRODUCTION

Alessandra Oppio, DASTU Politecnico di Milano

DISCUSSANT

Federico Della Croce Di Dojola, DIGEP Politecnico di Torino



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DIPARTIMENTO DI ARCHITETTURA
E STUDI URBANI

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