



VII Advanced International Seminar

Mathematical Models of Decision Making Processes:

State of the Art and Challenges

Organized by Rocío Alcalá-Quintana and Berenice López-Casal

October 18 and 19, 2018

Salón de Grados

Facultad de Psicología, Universidad Complutense de Madrid

Attendance is free. Register at decanato@psi.ucm.es

This event is included in the PAKO Program

<http://eventos.ucm.es/go/DecisionMakingModels>





October 18, 2018

10:00 - 10:30

Opening session

Session I: Axiomatic choice

10:30 - 11:30

Median responses, modal choices, prior parameters: How not to test theories of decision making

Michel Regenwetter (University of Illinois)

11:30 - 12:00

Coffee Break

12:00 - 13:00

Linking Axiomatic Perspectives on Decision Making to Brain Connectivity

Clinton P. Davis-Stober (University of Missouri)

13:00 - 14:00

Lunch Break



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Session II: Perceptual decision making

14:00 - 15:00

Decision processes in psychophysical tasks

Miguel A. García-Pérez (Universidad Complutense)

15:00 - 16:00

A two-stage diffusion model account for compelled-response task data

Adele Diederich (Jacobs University Bremen)



October 19, 2018

Session III: Quantum cognition

10:00 - 11:00

What Is Quantum Cognition, and How Is It Applied to Psychology?
Jerome Busemeyer (Indiana University Bloomington)

11:00 - 12:00

Empirical Foundations of Quantum Cognition
Zheng Joyce Wang (The Ohio State University)

12:00 - 12:30

Coffee Break

12:30 - 13:30

The rational (?) status of the conjunction fallacy
Emmanuel Pothos (City, University of London)

13:30 - 14:30

Discussion
Chair: Rocío Alcalá-Quintana