



UCA J.E.D.I.
UNIVERSITÉ CÔTE D'AZUR



ISEM-NICE
CAMPUS ST JEAN D'ANGELY

INTERNATIONAL CONFERENCE

QUANTUM INTERACTION

"A NEW PERSPECTIVE. THE QUANTUM COGNITION IN SOCIAL SCIENCES"

SEPTEMBER • 3TH-5TH • 2018

PROGRAM

Quantum Interaction 2018, NICE

Monday, September 3

09 00 – 9 30 registration

09 30 – 10 45 [Key Note 1: Michel Bitbol](#)

10 45 – 11 15 coffee break

11 15 – 11 45 Ariane Mogiliansky, Adrian Calmettes and Hervé Gonay. *The power of distraction: An experimental test of Quantum Persuasion.*

11 45 – 12 15 Peter Bruza and Lauren Fell. *Are decisions of image trustworthiness contextual? A pilot study.*

12 15 – 14 00 Lunch

14 00 – 15 15 [Key Note CAPNS: Paul Smolensky](#)

- 15 15 -15 45 CAPNS 1: Gijs Wijnholds and Mehrnoosh Sadrzadeh. *Classical Copying versus Quantum Entanglement in Natural Language: the Case of VP-ellipsis*

15 45 – 16 15 coffee break

- 16 15 – 16 45 CAPNS 2 Bob Coecke, Giovanni de Felice, Dan Marsden and Alexis Toumi. *Compositional Distributional Discourse Analysis*

16 45 – 18 00 [Panel discussion: When does something warrants the adjective 'Quantum'?](#)

18 00 – 19 30 Cocktail

Tuesday September 4

9 30 – 10 45 [Key Note 2: Bart Jacobs](#)

10 45 – 11 15 coffee break

11 15 – 11 45 Peter Bruza and Peter Wittek. *Probabilistic programs for investigating contextuality in human information processing.*

11 45 – 12 15 Andreas Wichert and Catarina Moreira. *Balanced Quantum-Like Model for Decision Making.*

12 15 – 14 00 Lunch

14 00 – 14 30 Jan Broekaert and Jerome Busemeyer. *Episodic source memory over distribution by quantum-like dynamics - a model exploration.*

14 30 – 15 00 Camilo Miguel Signorelli and Xerxes Arsiwalla. *Moral dilemmas for Artificial Intelligence: a position paper on an application of Compositional Quantum Cognition.*

15 00 – 15 30 Catarina Moreira and Andreas Wichert. *Introducing Quantum-Like Influence Diagrams for Violations of the Sure Thing Principle.*

15 30 – 16 00 coffee break

16 00 – 17 15 [Panel Discussion: The challenge of experimentation in QI.](#)

20 00 Dinner Hôtel Restaurant le Saint-Paul - 29 boulevard Franck Pilatte, Nice

Wednesday September 5

09 30 – 10 45 [Key Note 3: Niel de Beaudrap](#)

10 45 – 11 15 coffee break

11 15 – 11 45 Rebeca Cunha, Naman Sharma, Zeno Toffano and François Dubois. *Fuzzy Logic Behavior of Quantum-Controlled Braitenberg Vehicle Agents.*

11 45 – 12 15 Stefano Gogioso and Carlo Maria Scandolo. *Density Hypercubes, Higher Order Interference and Hyper-Decoherence: a Categorical Approach.*

12 15 – 14 00 lunch break

14 00 – 14 30 Sagar Uprety, Dimitris Gkoumas and Dawei Song. *Investigating Bell Inequalities for Multidimensional Relevance Judgments in Information Retrieval*

14 30 – 15 00 Dimitris Gkoumas, Sagar Uprety and Dawei Song. *Investigating non-classical correlations between decision fused multimodal documents.*

15 00 – 15 30 coffee break

15 30 – 16 00 Discussion on QI future meetings



INITIATIVE D'EXCELLENCE

