

SCHEDULE

Time zone: GMT+0

IX International Workshop on Quantum Mechanics and Quantum Information: **Quantum Mechanics: Between Theory and Interpretation**

More information: <https://quantuminternationalnet.com/Workshops>

June 22

Session 1

- 11:50 Organizing Committee: Opening talk.
- 12:00 1st presentation: F. A. Muller. *Six measurement problems of quantum mechanics.*
- 12:40 1st Q&A.
- 13:00 1st break.
- 13:05 2nd presentation: Jonas Arenhart & Raoni Arroyo. *Quantum theories, quantum interpretations, and quantum ontologies.*
- 13:45 2nd Q&A.
- 14:05 2nd break.
- 14:10 1st open discussion.
- 14:40 End of Session 1.

Session 2

- 16:00 3rd presentation: Diana Taschetto & Ricardo Correa da Silva. *The Dual Nature of Quantum Dynamics.*
- 16:40 3rd Q&A.
- 17:00 3rd break.
- 17:05 4th presentation. Valia Allori. *What is it Like to be a Relativistic GRW Theory? Or: Quantum Mechanics and Relativity, Still in Conflict After All These Years.*
- 17:45 4th Q&A.
- 18:05 4th break.
- 18:10 2nd open discussion.
- 18:40 End of Session 2.

June 23

Session 1

- 12:00 1st presentation: María Martínez-Ordaz & Moisés Macías-Bustos. *Scientific Understanding of Defective Theories: Structuralism, Quantum Mechanics and the (Meta)Metaphysics of Individuals.*
- 12:40 1st Q&A.
- 13:00 1st break.
- 13:05 2nd presentation: Lauro Nunes Filho. *Quantum interpretations are quantum theories (and not quantum ontologies).*
- 13:45 2nd Q&A.
- 14:05 2nd break.
- 14:10 1st open discussion.
- 14:40 End of Session 1.

Session 2

- 16:00 3rd presentation: Christian de Ronde & Raimundo Fernández-Mouján. *Invariance, objectivity and operationality as general conditions for physical theories. The case of quantum mechanics.*
- 16:40 3rd Q&A.
- 17:00 3rd break.
- 17:05 4th presentation. Otávio Bueno. *Quantum Interpretations and Metaphysical Additions.*
- 17:45 4th Q&A.
- 18:05 4th break.
- 18:10 2nd open discussion.
- 18:40 End of the workshop.