

Thematic Research Programme: **OPERATOR ALGEBRAS, GROUPS AND APPLICATIONS TO QUANTUM INFORMATION**

ICMAT (Madrid, Spain)
March 11 - June 29, 2019

SCHOOL II: APPLICATIONS TO QUANTUM INFORMATION THEORY

May 6 - 10, 2019

Course I: **Magdalena Musat** (U. Copenhagen, Denmark)

Infinite dimensional phenomena in the analysis of quantum information theory

Course II: **Ion Nechita** (U. Toulouse, France)

Applications of random matrices to quantum information theory

Course III: **Vern Paulsen** (U. Waterloo, Canada)

Operator algebras and nonlocal games

Organizing committee:

Cécilia Lancien (U. Toulouse)
Fernando Lledó (UC3M-ICMAT)
Diego Martínez (UC3M-ICMAT)
Carlos Palazuelos (UCM-ICMAT)
Julio de Vicente (UC3M)

Scientific committee:

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Marius Junge (University of Illinois at Urbana-Champaign, USA)
David Kerr (Texas A&M University, College Station, USA)
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Francesc Perera (Universitat Autònoma de Barcelona, Spain)
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Mikael Rørdam (University of Copenhagen, Denmark)

More information: <https://www.icmat.es/RT/2019/OAGAQI/index.php>

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