

Thematic Semester on
QUANTUM MATHEMATICS

The Mathematics inspired by Quantum Mechanics

Playing (non-local) games with Operator Spaces

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Abstract: *Many protocols in computer science and cryptography, many questions in the foundations of quantum mechanics, as well as many complexity problems, can be analyzed by means of the so called "non-local games". In a series of works in collaboration with T. Cooney, M. Junge, A.M. Kubicki, C. Palazuelos, I. Villanueva and M.M. Wolf, we have analyzed these games by connecting them with the mathematical theory of Operator Spaces. In this talk I will show this connection and sketch some of the applications derived from it.*

Fecha: 12 de abril de 2019.

Hora: 12:00 horas.

Lugar: Seminario TI2328SD, ESTCE.

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