

THE DEPARTMENT OF MATHEMATICAL SCIENCES PROUDLY PRESENTS

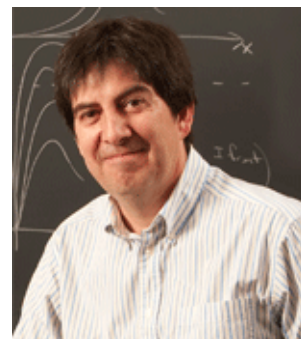
COLLOQUIUM

SPRING 2015

Quantum Mechanics and Photonics Crossing Paths: the Study of Parity-Time (PT) Symmetric Systems

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February 24, 2015



ABSTRACT

It is not uncommon that the mathematics that describes the phenomena of light propagation in optical media has strong similarities with the modeling of other physical systems. In this talk as a way of motivation, I will briefly discuss some classical examples followed by a discussion of the current research topics of nonlinear optics in PT-symmetric systems.

Monzón Building, Room 201, 10:45 AM
Refreshments will be served 15 minutes
before the colloquium in Monzón 213

