School and Workshop on Topics in operator algebras and some applications

Programme

School part:

- Course I: From 10:00 - 11:30. Continuous fields of C*-algebras and K-theory invariants, by Prof. Marius Dadarlat, Purdue University, USA.
- Course II: From 12:00 - 13:30. Quasidiagonality, finite dimensional approximations and operator algebras, by Prof. Nathanial P. Brown, Penn State University, USA.

Workshop part:

Monday afternoon: Quantum information and operator algebras

- From 16:00 - 16:40: Operator Spaces in Quantum Information, by Ignacio Villanueva (UCM)
- From 17:00 - 17:40: Operator algebras in Quantum Information, by David Pérez García (UCM)

Tuesday afternoon: Operator algebras and functional analysis

- From 16:00 - 16:40: On Folner sequences and crossed products, by Fernando Lledó (UC3M)
- From 17:00 - 17:40: Orthogonality preservers between C*-algebras, by Antonio Peralta (UGR)

Wednesday afternoon: Classification programme of C*-algebras

- From 16:00 - 16:40: The Cuntz semigroup of certain C*-algebras, by Ramon Antoine (UAB)
- From 17:00 - 17:40: The Cuntz Semigroup and Comparison of Open Projections, by Eduard Ortega (University of Copenhagen)

Thursday afternoon: Graph algebras

- From 16:00 - 16:40: Graph algebras: an overview, by Enrique Pardo (U. de Cádiz)
- From 17:00 - 17:40: C*-algebras of separated graphs, by Pere Ara (UAB)

Friday afternoon: Noncommutative Lp spaces

- From 16:00 - 16:40: A brief introduction to noncommutative L_p spaces, by Quanhua Xu (Besançon, France)
- From 17:00 - 17:40: Square and maximal functions related to noncommutative Lp spaces, by Javier Parcet (CSIC)

September 13-17, 2010

Aula Miguel de Guzmán

Facultad de Ciencias Matemáticas, UCM