



# Universitat Jaume I

## Institut de Matemàtiques i Aplicacions de Castelló (IMAC)

### TOPOLOGY SEMINAR

The overall objective of this seminar is to provide a forum in which to discuss and promote the research in topology. It will be devoted to a wide set of topics where topology is an essential tool: functional and harmonic analysis, nonlinear analysis, dynamical systems, coding theory and symbolic dynamics, function spaces, Banach spaces, topological vector spaces, Banach algebras and topological groups, among others.

#### 2013 Winter School in Topological Groups

**Castelló, December 9th-11th, 2013**

<http://www.topology-seminars.uji.es>

We are pleased to announce the First Winter School in topological groups. This workshop is one of the "Jornadas Temáticas " promoted by the "Institut de Matemàtiques i Aplicacions de Castelló (IMAC). The meeting will take place at the Mathematics Department of the Universitat Jaume I in Castelló (Spain) and it will consist of several mini courses that will touch on different research lines connected to topological groups. Courses are intended primarily for Master and PhD students. Participants are invited to contribute a 25-minute talk.

### Speakers and Talks

- **Tomi Alaste:** *LUC-compactification of a topological group*
- **María Jesús Chasco Ugarte:** *Dualidad en grupos abelianos metrizablees*
- **Xabier Domínguez Pérez:** *Introducción al Teorema de Peter-Weyl*
- **Mahmoud Filali:** *To be announced*
- **Carlos Ivorra Castillo:** *Introducción a la teoría de extensiones genéricas (forcing)*

**Organizing Committee:** Rebeca Egea Moreno, Maria Vicenta Ferrer González, Salvador Hernández Muñoz, Diego Napp Abellí, Luis Tárrega Ruiz

**Scientific Committee:** María Jesús Chasco Ugarte, Salvador Hernández Muñoz, Elena Martín Peinador

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