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# ECAS2019

## Statistical Analysis for Space-Time Data

by **Giovani Silva\*** and **Isabel Natário\*\***

From July 15 to 17, 2019, *ECAS2019 on Statistical Analysis for Space-Time Data* was held at the Faculty of Science of the University of Lisbon, organized by the Portuguese Statistical Society (SPE) and the Spanish Society of Statistics and Operational Research (SEIO).

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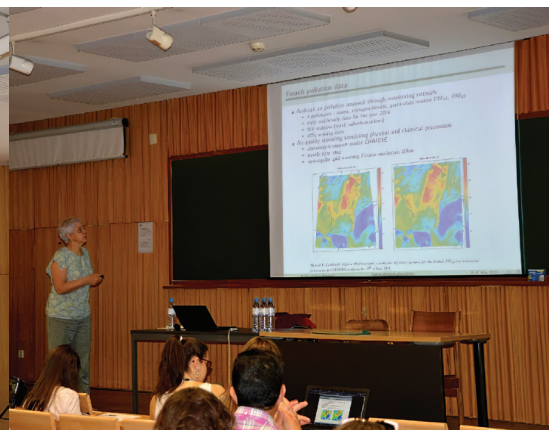
\*\* Faculdade de Ciências e Tecnologia – Universidade Nova de Lisboa



Patrick Brown



Håvard Rue



Liliane Bel

Four excellent courses on *Spatiotemporal Data Analysis* were presented at this event by well-known international experts in the field. Ege Rukak discussed the methodology of *spatial point patterns* and their applications; Patrick Brown talked about statistical models and inference for *spatiotemporal area data*; Håvard Rue and Haakon Bakka presented *spatial and spatiotemporal models* using the *SPDE approach* in the *INLA* frame; Liliane Bel showed the new trends in *spatiotemporal geostatistics*. All courses were based on R software and area-specific packages.

The participants, *mostly PhD students*, were able to present their research in a pleasant poster session where, in a relaxed, convivial atmosphere, they exchanged ideas

and presented their work with other participants and lecturers.

A total of 61 participants attended, of which 26 were students, exceeding expectations for the expected capacity of the event. About half of the participants were from Portugal, 6 came from Germany, 5 from Spain and the rest came from places as varied as Sweden, Italy, Belgium, France, the United Kingdom, Ireland, Mozambique, Canada, Colombia, Mexico and Australia.

It was an excellent opportunity to learn cutting-edge knowledge in this area of space-time Statistics and *networking*, provided by the many pleasant moments of pause prepared by the organization.

### Committees and Lecturers



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#### Organizing Committee

Isabel Natário (President)  
 Paulo Soares  
 Soraia Pereira  
 Tomás Goicoa  
 Anabel Forte  
 Giovani Silva.

#### Scientific Committee

Giovani Silva (President)  
 Raquel Menezes  
 Maria Eduarda Silva  
 María Dolores Ugarte  
 Rubén Fernández Casal  
 Ricardo Cao.