

BSC ANNUAL MEETING 2022

Date: 20th December 2022 | 10:30 Venue: Auditori Vèrtex + Virtual

10:30 - 10:35 Welcome

10:35 - 11:15 Director's - Mateo Valero & Josep M. Martorell

11:15 - 12:00 BSC Talks

- **Alya towards Exascale: Optimal Finite Element Assembly on GPUs**
Herbert Owen (CASE)
- **CFD and AI for urban pollution real-time forecasting**
Joan Calafell (CASE)
- **Crazy little thing called... HPC AWARENESS**
Isabel Botey, Alexandra López & Alberto Gómez (Operations)
- **HomE. Enabling Private Deep Learning an ERC Grant**
Antonio Peña & Álvaro García (Computer Sciences)
- **The role of hybridisation in the emergence of fungal pathogens**
Valentina del Olmo (Life Sciences)
- **Towards a climate resilient health future**
Rachel Lowe (Earth Sciences)
- **Who Killed Kenny**
Iker Núñez & Thalia Ntiniakou (Life Sciences)

12:00 - 12:15 BSC Distinctions

12:15 - 12:45 Invited Talk*

*This talk will be conducted in Spanish.

- **Ciberamenazas 2022**
by Javier Candau: Head of the Cybersecurity Department of the National Cryptological Center

12:45 - 12:55 Best BSC Talk

12:55 - 13:00 Farewell



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