ACM Europe Conference 2017

The two main themes of the conference are Cybersecurity and High Performance Computing.

Cybersecurity Track

A roster of leading researchers, practitioners and policy makers drawn from Europe and around the world, will examine the latest opportunities and challenges in this fast-changing field. The panel will be moderated by Chris Hankin, Imperial College, London.

Turing Talk: "ALGORAND: A new distributed ledger"

> 2012 Turing Laureate Silvio Micali is a visionary whose work has contributed to the mathematical foundations of cryptography and has advanced the theory of computation. His non-conventional thinking has fundamentally changed our understanding of basic notions such as randomness, secrets, proof, knowledge, collusion, and privacy. This foundational work was a key component in the development of the computer security industry, facilitated by his patents and start-up companies. His work has also had great impact on other research areas in computer science and mathematics.

High Performance Computing track

The track will include a keynote talk and it is followed by a panel, composed of top world experts in HPC. The panel will review progress and current plans for the worldwide roadmap towards exascale computing. Panelists include:

- Mateo Valero, Barcelona Supercomputing Center (Spain)
- Paul Messina, Argonne National Laboratory (US)
- Katherine Yelick, Lawrence Berkeley National Laboratory (US)
- Satoshi Matsuoka, Global Scientific Information and Computing Center (Japan)
- Alison Kennedy, High Performance Computing Center (UK)
- Per Stenström, Chalmers University (Sweden)
- Qian Depei, Sun Yat-sen University (China)

Co-Located Meetings

A select group of influential European technology organizations will co-locate their events with the inaugural ACM Europe Conference including:

- **ACM Europe Celebration of Women in Computing**: WomENcourage 2017 is a scientific event, as well as an event aimed at networking and exploring career opportunities for women in computer science and related disciplines.

- **EXDCI Final Conference 2017**: The European Extreme Data & Computing Initiative's (EXDCI) will include a co-located event within the Annual ACM Europe Conference 2017 that will take place from 7th September until 8th September 2017 in Barcelona, Spain. The idea is to organize a final conference jointly with the ACM Europe community that will gather HPC specialists, students and ACM members worldwide. On Thursday all attendees will be invited to attend the Turing Lecture and the Reception and ACM Fellow celebration, as well as the HPC track on Friday. On Friday morning, the EXDCI conference will include joint sessions with Eurolab4HPC and HiPEAC.

Barcelona Supercomputing Center - Centro Nacional de Supercomputación

Source URL (retrieved on *5 Mayo 2024 - 12:54*): https://www.bsc.es/es/news/events/acm-europe-conference-2017