

Leading researchers will examine in Barcelona future challenges in supercomputing and cibersecurity

Thomas Skordas, from the European Commission, will moderate a panel about the future of supercomputing

Barcelona, September 4th, 2017.- The ACM Europe Council will hold an [international event](#) from the 7th to the 8th of September in Barcelona. Hosted by the Barcelona Supercomputing Center, the ACM Europe Conference will be bringing together over 300 computer scientists from around the world.

The two main themes of the conference are Cybersecurity and High Performance Computing. In the cibersecurity track, Silvio Micali, who received the [Turing Award](#) in 2012, will deliver a keynote. Micali is a computer scientist and professor at [MIT](#) and a member of [National Academy of Sciences](#). He is best known for some of his fundamental early work on public-key cryptosystems, digital signatures and secure multiparty computation.

The high performance computing track will include a keynote given by Katherine Yelick, a professor of Electrical Engineering and Computer Sciences at the University of California, [Berkeley](#). In 2017, she was elected to the [National Academy of Engineering](#).

The keynote will be 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, Paul Messina, Satoshi Matsuoka, Alison Kennedy, Per Stenström and Qian Depei.

The [WomENcourage 2017](#) scientific event will be organized, from the 6th to the 8th of September as a parallel event and it will be aimed at networking and exploring career opportunities for women in computer science and related disciplines. In this edition, Núria Castell Ariño, from Universitat Politècnica de Catalunya, will be one of the conference chair.