ACM Europe Summer School 2019

Objectives

The 2019 ACM Europe Summer School on “HPC Computer Architectures for AI and Dedicated Applications” will take place in Barcelona 17 - 24 July 2019, and is hosted by the Barcelona Supercomputing Center (BSC-CNS) and the Universitat Politècnica de Catalunya (UPC-BarcelonaTECH). ACM's Special Interst Group on High Performance Computing (SIGHPC), devoted exclusively to the needs of students, faculty, researchers, and practitioners in high performance computing, is the primary sponsor of the school. Other industry sponsors support the school.

The summer school addresses young computer science researchers and engineers, and it is open to outstanding MSc students and senior undergraduate students. Accepted participants will spend a full week in Barcelona, attending formal lectures during the mornings and practical exercises in the afternoons.

Prof. Silvio Micali, ACM A.M. Turing Award laureate and MIT Professor, will give a keynote lecture. Dr. Lucilla Sioli, EU Commission Director for Digital Industry and AI, will be present at the school. Prof. Natasa Milic-Frayling, University of Nottingham UK, will address collaboration and diversity issues in a special dedicated session. Dr. Ing. Gerhard Schimpf, former chair of the ACM Europe Council Committee of European Chapter Leaders, will present the ACM Being-Human with Algorithms initiative and the student chapter activity in Europe.

The school chairpersons are Prof. Mateo Valero (Director of the Barcelona Supercomputing Center, ACM – IEEE CS Eckert-Mauchly Award recipient, ACM Fellow, and ERC grantee) and Prof. Josep Fernandez (CS Dean, Facultat d’Informatica de Barcelona).

The local organizing committee is led by Prof. Eduard Ayguadé, UPC and Dr. Fabrizio Gagliardi, BSC and ACM.

The online application form is available via the following link: https://services.acm.org/hpc_summer_school/summer_school.cfm. The deadline for applying is 15 March 2019, End of Day, Anywhere on Earth (AoE), UTC -12 hours.

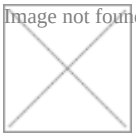
Academic Staff

Image not found or type unknown

Lecturers

- Prof. **Per Stenström**, Chalmers University, ACM Fellow
- Prof. **Uri Weiser**, ACM – IEEE CS Eckert-Mauchly Award recipient, ACM Fellow
- Prof. **Luca Benini**, ETH Zürich, University of Bologna, ACM Fellow
- Prof. **Mauro Olivieri**, Sapienza University of Rome
- Prof. **Jesús Labarta**, Barcelona Supercomputing Center, ACM – IEEE CS Ken Kennedy Award recipient
- Prof. **David Carrera**, Universitat Politècnica de Catalunya, ERC grantee

Further information



The School is open to participants from all countries and all nationalities but unfortunately, the school will not be able to assist in any visa issue, if required. Good knowledge of English language is mandatory.

Upon receipt of the complete online application, admission to the Summer School will be based on the candidate's profile, academic and professional experience, together with their motivation letter and the two recommendation letters.

Once the application deadline has expired, the selection committee will review all applications and will notify candidates of their decision. Selected applicants will receive information and details about their participation.

A social program is being developed with the contribution of the industry sponsors. For especially meritorious students the registration fee could be waived based on a well-justified request. Early application is highly encouraged! For any inquiries and support with your application please contact us at hpc-summer-school@acm.org.
Barcelona Supercomputing Center - Centro Nacional de Supercomputación

---

Source URL (retrieved on *28 Mar 2024 - 21:37*): https://www.bsc.es/es/education/training/other-training/acm-europe-summer-school-2019