

**Kallia Chronaki** received the B.Sc in computer science and M.Sc. in computer architecture from the Computer Science Department (CSD) of the University of Crete, Greece.

She is currently a Ph.D. candidate at the department of Computer Architecture of the Polytechnic University of Catalonia (UPC), Spain and a research engineer at Barcelona Supercomputing Center (BSC).

Her research interests include high performance computing architectures, runtime systems and heterogeneous computing.



Miquel Moreto is a senior researcher at the Barcelona Supercomputing Center (BSC). Prior to joining BSC, he spent 15 months as a post-doctoral fellow at the International Computer Science Institute (ICSI), Berkeley, USA. He received the B.Sc., M.Sc., and Ph.D. degrees from UPC. His research interests include studying shared resources in multithreaded architectures and hardware-software co-design for future massively parallel systems.



**Marc Casas** is a senior researcher at the Barcelona Supercomputing Center.

Prior to this, he spent 3 years as a post-doctoral fellow at the Lawrence Livermore National Laboratory (LLNL).

He received his B.Sc. and M.Sc. degrees in mathematics in 2004 from the UPC and the PhD in Computer Science in 2010 from the Computer Architecture Department of UPC.

His research interests are high performance computing, runtime systems and parallel algorithms.



Alejandro Rico is a Staff Research Engineer at Arm working on processor architecture and microarchitecture for high-performance computing. Previously, he was a post-doctoral researcher at BSC working on multi-core simulation and microarchitecture. He received a Ph.D. from UPC and a M.Sc. and B.Sc. from Universitat Pompeu Fabra. His research interests are multi-core scalability, heterogeneous architectures and vector processors.



Rosa M. Badia holds a PhD on Computer Science (1994) from UPC. She is a Scientific Researcher from the Consejo Superior de Investigaciones Científicas (CSIC) and team leader of the Workflows and Distributed Computing research group at BSC. Her research interests are programming models for complex platforms (from multicore, GPUs to Grid/Cloud). Dr Badia has published more than 150 papers in international conferences and journals in these topics. She has participated in a significant number of European funded projects and contracts with industry.



**Eduard Ayguadè** is full professor of the Computer Architecture Department at UPC. He is currently associate director of research in Computer Sciences at BSC. His research interests include multicore architectures, programming models and compilers for high-performance architectures. He published around 250 publications in these topics and participated in several research projects with other universities and industries, in framework of the European Union programmes or in direct collaboration with technology leading companies.



**Mateo Valero** is full professor at Computer Architecture Department, UPC and director at BSC.

He has published 700 papers and served in organization of 300 international conferences.

His main awards are: Seymour Cray, Eckert-Mauchly, Harry Goode, ACM Distinguished Service, "Hall of Fame" member IST European Program, King Jaime I in research, two Spanish National Awards on Informatics and Engineering. Honorary Doctorate: Universities of Chalmers, Belgrade, Las Palmas, Zaragoza, Complutense of Madrid, Granada and University of Veracruz. Professor Valero is a Fellow of IEEE, ACM, and Intel Distinguished Research Fellow. He is a member of Royal Spanish Academy of Engineering, Royal Academy of Science and Arts, correspondent academic of Royal Spanish Academy of Sciences, Academia Europaea and Mexican Academy of Science.