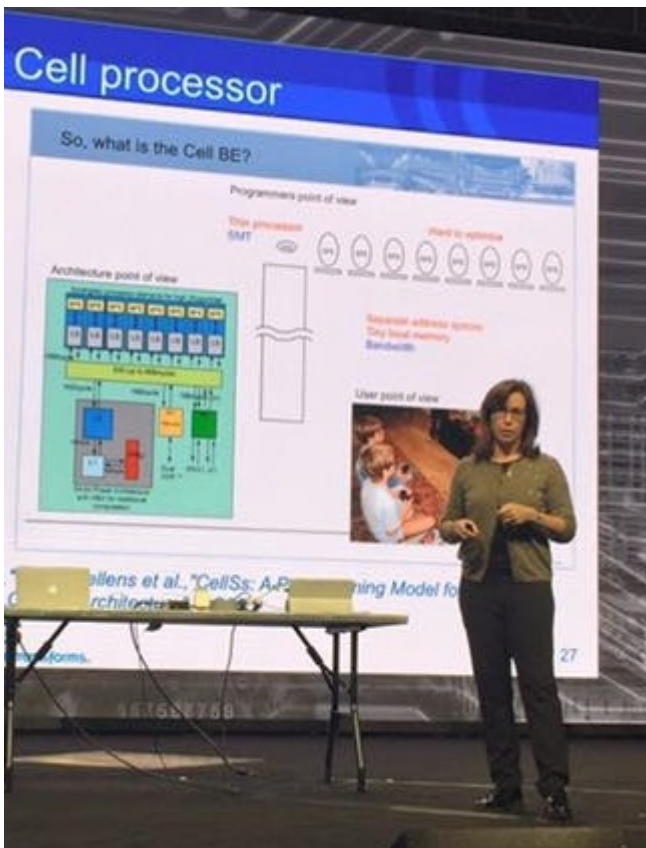


## BSC at SC'15

Mateo Valero is the first European to receive the Seymour Cray award. In acknowledgement of her status as a leader in HPC, Rosa Badia has given an invited talk.



Taking ‘HPC transforms’ as its theme, the 27<sup>th</sup> edition of the annual [Supercomputing \(SC\) conference](#) is taking place in Austin between 15 and 20 November. As always, the event brings together thousands of researchers and experts in supercomputing. One of this year’s highlights will be acclaimed science communicator and award-winning actor [Alan Alda](#) discussing the role of science in society and the intersection of science and computing in his keynote address on 17 November.

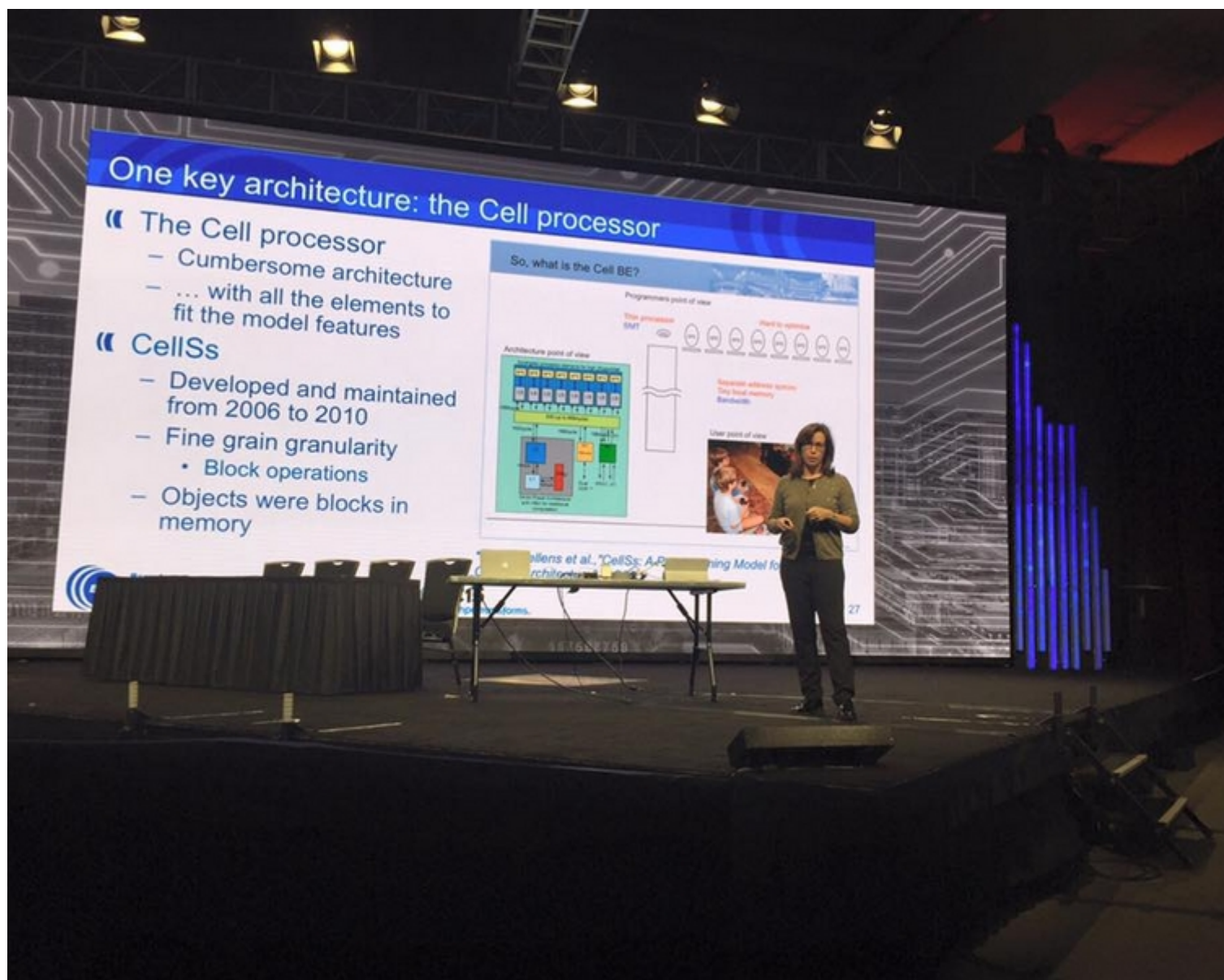
Barcelona Supercomputing Center (BSC) will be represented at the event by 22 researchers and has an exceptionally active role in the SC15 programme:

- **Mateo Valero**, BSC Director, will be awarded this year's IEEE Computer Society [Seymour Cray Computer Engineering Award](#), in recognition of his seminal contributions to vector, out-of-order, multithreaded, and VLIW architectures. The award ceremony will take place on Tuesday 17 November.
- **Rosa Badia**, Grid Computing group Manager, will be giving an [invited talk](#) on ‘Superscalar programming models: making applications platform agnostic’ on Tuesday 17 November. This will follow Badia’s [presentation](#) during the ‘Workshop on accelerator programming using directives’ on 16

November. Finally, on Friday 20 November, Badia will participate in a [panel discussion](#) on the topic of ‘Women in HPC: changing the face of HPC’.

- The paper entitled ‘Exploiting Asynchrony from Exact Forward Recovery for DUE in Iterative Solvers’ by Luc Jaulmes, Marc Casas, Miquel Moretó, Eduard Ayguadé, Jesús Labarta and Mateo Valero has been nominated for the [Best Paper Award](#) at SC15. The winner will be announced on 18 November.
- **Miguel Castrillo** and **Oriol Tintó**, researchers at the Earth Sciences department, will be presenting their [poster](#) ‘Optimization of an ocean model using performance tools’ on 17 November.
- BSC Training Coordinator **Nia Alexandrov** will be one of the [speakers](#) at the ‘2nd Workshop on Best Practices in HPC Training’ on 16 November.
- **Vassil Alexandrov**, Extreme Computing Group Manager, will organise a [workshop](#) on ‘SCalA15: Sixth Workshop on Latest Advances in Scalable Algorithms for Large-Scale Systems’, on 16 November.

BSC will be hosting [booth](#) #241, where visitors will have the opportunity to see demonstrations of key BSC enabling technologies. They will also be able to find out about BSC’s latest research and learn about services to evaluate and optimise computing performance.





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