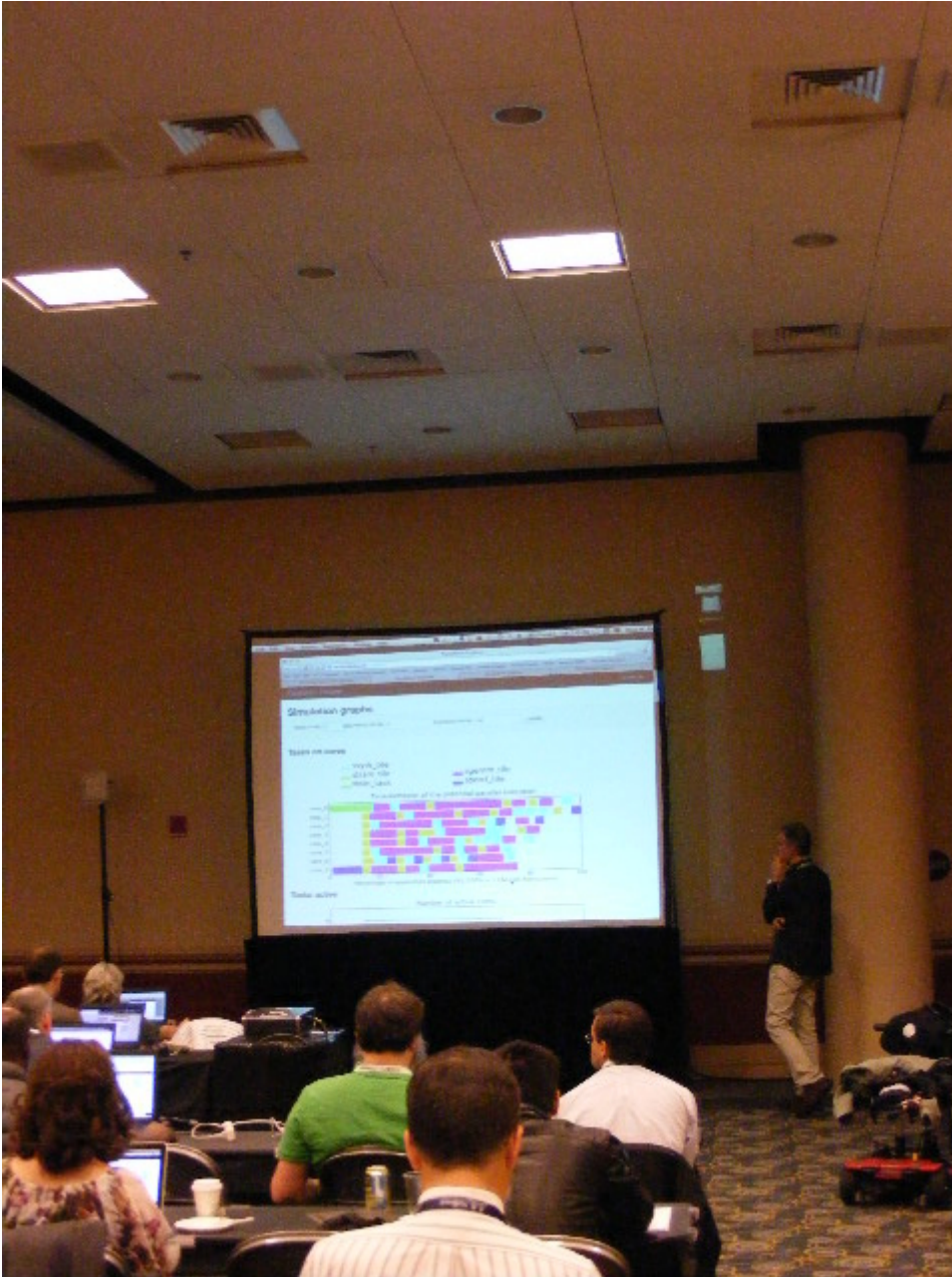


## [HPC Educators, the education and training program of SC12](#)



The BSC presence on SC12 has been enriched by the broad involvement of the Academic Programs team into the Educational program. The BSC team had very successful presentations, useful interactions and gained an insight of the latest US developments in supercomputing education.

The HPC Educators Program at SC12 offers activities for undergraduate educators and SC attendees interested in integrating HPC and computational and data-enabled science and engineering into classrooms. It is closely aligned with the SC Technical Program. The program also engages government and industry with the HPC educator community and provides a forum to share best practices. Eduard Ayguade and Rosa

Maria Badia presented the session *Unveiling parallelization strategies at undergraduate level* which introduced the *Tareador* environment designed by BSC to assist the programmer in the process of finding appropriate task decomposition strategies for their sequential applications. The lecture showed how it can be used as an educational tool.

The Resource Fair of the Educational Program gave the participants an opportunity to network and to share examples of mentoring, engagement, and educational materials from their classrooms and programs. BSC presented a poster highlighting the current education and training initiatives and the projects related to them.

Maria Ribera Sancho and Vassil Alexandrov volunteered on the Mentor Protégé program. It is sponsored by the Broader Engagement Committee to support newcomers to the conference and HPC and enable them to fully benefit from the conference and its more experienced participants. During the exhibition, the education and training program of BSC were also presented on BSC booth to all interested visitors.

SC12 offered a high-quality education program, providing interested attendees with the opportunity to learn from and interact with internationally recognized experts teaching undergraduate and early career students in all areas of computational science and engineering, computer science and engineering, high performance computing, networking, and storage.

- More pictures [here](#)







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