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La conferència [SC19](#) tindrà lloc a Denver (Colorado) del 17 al 22 de novembre. Com cada any, el BSC tindrà un paper actiu al programa tècnic i oferirà també minipresentacions sobre les seves últimes tecnologies a l'estand.

En aquest requadre es llisten totes les activitats de l'SC19 en què participen els investigadors del centre:

| Activitat | Dia | Sala |
|---|----------------------------|------|
| TUTORIAL Mastering Tasking with OpenMP : Xavier Teruel | 17 November 2019, 8:30 | 406 |
| PANEL Parallel Applications Workshop, Alternatives to MPI+X : Rosa Badia | 17 November 2019, 16:00 | 603 |
| WORKSHOP Sixth SC Workshop on Best Practices for HPC Training and Education (BPHTE19) : Maria R. Sancho | 17 November 2019, 15:30 | 505 |

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|--|----------------------------|-------------|
| TUTORIAL Practical Persistent Memory Programming : Javier Conejero | 18 November 2019, 8:30 | 407 |
| WORKSHOP Parallel SFC-based mesh partitioning and load balancing, at the 10th Workshop on Latest Advances in Scalable Algorithms for Large-Scale Systems (ScalA) 2019 : Ricard Borrell | 18 November 2019, 17:10 | 607 |
| BOF User-Level Threads for Performant and Portable HPC : Jesús Labarta | 19 November 2019, 12:15 | 501-502 |
| BOF Sisyphus' Work: Adapting Applications to New HPC Architectures - a European Perspective : Mateo Valero | 20 November 2019, 12:15 | 501-502 |
| BOF Challenges and Opportunities in Academic HPC Systems Research in 2030 : Paul Carpenter | 20 November 2019, 17:15 | 708 |
| BOF Big Data and Exascale Computing (BDEC2) Community Roundtable : Rosa Badia | 20 November 2019, 17:15 | 704-706 |
| BOF Multi-Level Memory and Storage for HPC, Data Analytics, and AI : Javier Conejero | 20 November 2019, 17:15 | 607 |
| POSTER Hybrid CPU/GPU FE2 multi-scale implementation coupling Alya and microp : Guido Giuntoli | 21 November 2019, 8:30 | E Concourse |
| BOF European HPC Ecosystem Summit : Oriol Pineda | 21 November 2019, 12:15 | 601-603 |
| WORKSHOP IPDRM 2019, Third Annual Workshop on Emerging Parallel and Distributed Runtime Systems and Middleware : Marc Casas | 22 November 2019, 8:35 | 405-406-407 |
| PANEL HPC Big Data and AI: Computing under Constraints : Rosa Badia | 22 November 2019, 10:30 | 205-207 |

Visita el nostre booth ([1975](#)) i et presentarem les novetats de les nostres tecnologies i els principals projectes.

Dimarts, 19 de novembre

- **12:00 – 12:30**: Xerrada sobre Advanced I/O developed under the EoCoE2 project (**Leonardo Bautista**)
- **14:00 – 14:30**: Demo sobre PyCOMPSs - Accelerating parallel code with PyCOMPSs and Numba (**Rosa Badia i Javier Conejero**)

Dimecres, 20 de novembre

- **13:00 – 13:30:** Demo sobre PyCOMPSs - Parallel machine learning with dislib (**Rosa Badia i Javier Conejero**)
- **15:00 – 15:30:** Xerrada sobre OmpSs-2 - Introduction to the OmpSs-2 programming model (**Xavier Teruel**)

Dijous, 21 de novembre

- **11:00 – 11:30:** Demo sobre PyCOMPSs - Fault-tolerance mechanisms for dynamic PyCOMPSs workflows (**Rosa Badia i Javier Conejero**)



Barcelona Supercomputing Center - Centro Nacional de Supercomputación

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