Cristiano Padrin

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40068, San Lazzaro Di Savena (Bologna) Italy

Professional Summary

Resourceful Project Manager with 5 years of expertise in coordination and oversight of the pan-European HPC infrastructure operational services, 2 years of expertise in planning and deployment of innovative technical solutions and new user friendly services for HPC dedicated to European research communities, and 2 years of expertise in oversight of collaborations with CERN, SKA, GEANT and several Centres of Excellence. Presently involved in the EU Projects PRACE-6IP, HBP, FENIX and ICEI.

Skills

Project planning and development	Multi-Site Operations
Technical Support	Budget development and oversight
Project Management	High-Performance Computing
Performance Evaluations	Strong Relationships
Procedure development	Strategic Thinking
Contract Review And Recommendations	Monitoring
Advanced Problem Solving	Strategy Development

Work History

08/2012 - Current
Project Manager
CINECA, **Casalecchio di Reno**, **Italy**

- Headed CINECA PRACE-6IP team in user support, monitoring and maintenance of HPC systems, services prototypes implementation and deploying.
- Work Package Leader of "Operational Services for HPC Ecosystem" and member of Technical Board in PRACE-6IP.
- Headed CINECA HBP - SGA3 team in co-design, implementation, deploying and provisioning services, and user support activities.
- Task Leader of "Design and implementation of data services and HPC/Cloud scheduling" in HBP - SGA3.
- Collaborator and co-leader in several Tasks of work package "EBRAINS computing services" in HBP - SGA3.
- Member of Management Team of next EBRAINS Italia as representative of CINECA.

- High Level Support for Astrophysics Community and Neuroscience Community.

- Built relationships with software vendors to negotiate ideal terms for purchases.

- Developed and initiated collaborations with national institutes, including managing costs, schedule and performance.

- Broke down and evaluated user problems, using test scripts, personal expertise and probing questions.

- Teacher of Parallel Programming course for postgraduate "Master di Secondo Livello" in "Scientific Computing" at "La Sapienza di Roma" university.

- Teacher of MPI, OPENMP and Hybrid parallel programming courses in Summer Schools.

03/2010 - 07/2012
Programmer
CASPUR, **Rome**, **Italy**

- Porting Microphysics of COSMO code on GPUs.

- Teacher for MPI, OPENMP and Hybrid parallel programming courses in Summer Schools.

- Teacher of Parallel Programming course for advanced postgraduate "Second Level Master in Scientific Computing" at "La Sapienza di Roma" university.

09/2008 - 10/2009
Research Assistant
Politecnico di Milano - MOX, **Milan**, **Italy**

- Implemented prototype algorithms for non-invasive detection of marine oil wells with RTM techniques.

Education

Advanced Postgraduate "Master Di Secondo Livello", **Scientific Computing**, *"La Sapienza Di Roma"*, Rome, Italy

- Graduated with 110/110

Master of Science, **Applied Mathematics**, *"La Sapienza Di Roma"*, Rome, Italy

Languages

Italian: Native language
English: C1

Advanced