

Multi-objective resources optimization Performance- and Energy-aware HPC and Clouds

22November, 2018, Wednesday

10:00-14:00

Abstract

This lecture will give an overview of multi-objective resources optimization Performance- and Energy-aware HPC and Clouds. MapReduce, Peer to Peer systems, Linear programming (using jupyter notebook and pulp) will be presented.

About the speaker



Dr. Georges Da Costa is a permanent assistant professor in Computer Science at the University of Toulouse, IRIT lab since 2009. He was from 2007 to 2009 Post-Doc at CNR in Pisa, Italy and at Nicosia in Cyprus working in the context of CoreGrid. He received his PhD from the LIG HPC research laboratory (Grenoble, France) in 2005. He got his Master in 2001 from Ecole Normale Supérieure de Lyon at the LIP laboratory.

His main interests are related to large-scale distributed systems, algorithmic, performance evaluation and energy-aware systems from a system and runtime point of view.