Welcome

École Normale Supérieure de Lyon
http://scheduling2014.sciencesconf.org/

Evelyne Blesle, Loris Marchal, Yves Robert, Frédéric Vivien

July 1-4, 2014
Another workshop about useless scheduling algorithms?

Existential question

Should the scheduling community in general and ourselves in particular, do something else, more useful, and more trendy?

Cloud computing with energy-aware self-programming MULTICORES? 😊
Another workshop about useless scheduling algorithms?

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Cloud computing with energy-aware self-programming MULTICORES?

Added numerical linear algebra!!
Another workshop about useless scheduling algorithms?

Existential question

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Energy-aware and resilience @ very very very large scale!!
History

- Aussois 1 in August 2004
- San Diego in November 2005
- Frejus spring school in May 2007
- Aussois 2 in May 2008
- Knoxville in May 2009
- Aussois 3 in June 2010
- Aussois 4 in June 2011
- Pittsburgh in June 2012
- Dagstuhl in September 2013
- Lyon in July 2014
- Dagstuhl in September 2015?
- Aussois in June 2016??
Know whom to ask

Each organizer has a very narrow domain of competence (I mean, speaking of the workshop)

- Loris, Frédo: technical program
- Yves: visionary projects on exascale machines, meaning of life
- Evelyne: everything else (food, wine, schedule, wireless, rooms, travel, souvenirs)
Thanks

- to Evelyne, for being the local organizer
- to LabEx and LIP / ENS Lyon for sponsoring the event
- to all of you, for participating
Program at a glance

- 13 sessions, each with three 25-minute talks (including questions)
- Social events
Social events

- Daily lunch at Agrapole, Tuesday-Friday
- Welcome reception, Tuesday 7pm
- Restaurant Le Caveau, Wednesday dinner
- Visit of the old city of Lyon, Thursday 4:30pm
- Brasserie Georges, Thursday dinner
Collecting slides for webpage
First session

- Nodari Sitchinava, GPU algorithms or on cache-efficient parallel algorithms
- Leonel Sousa, Coping with Complexity: CPUs, GPUs and Real-world Applications,
- François Tessier, Parallel load-balancing application taking into account topology and affinity