

Scheduling in Aussois (again!)

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? 😊

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Existential questions

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

Added numerical
linear algebra!!

Cloud computing

mining

MULTICORES! 😊

Another workshop about useless scheduling algorithms?

Existential questions

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

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

Cloud computing

MULTICORES! 😊

- 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 fo 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

- 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