

ICDE 2014

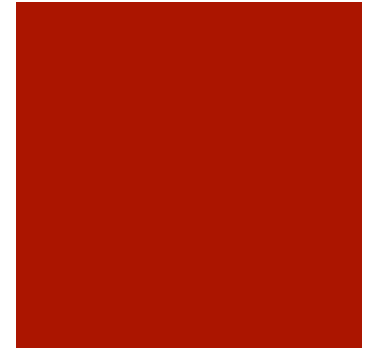
Workshop on Long term Preservation for big Scientific data

**Salima Benbernou, LIPADE @ Université Paris Descartes
Cristinel Diaconu, CPPM @ CNRS**

Chicago, March 31, 2014

<http://lipade.math-info.univ-paris5.fr/lops/>

LOPS Motivation

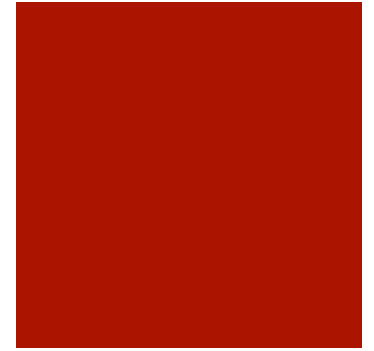


What are scientific big data ?

- Are space observations, accelerator, biology, crystallography, sounds...
- Are experiments and simulations
- Are binary encoded streams of pure data, Saved with different formats
- Hard to query, ...are very expensive of even impossible to rebuild, reuse
- May contain knowledge still undiscovered

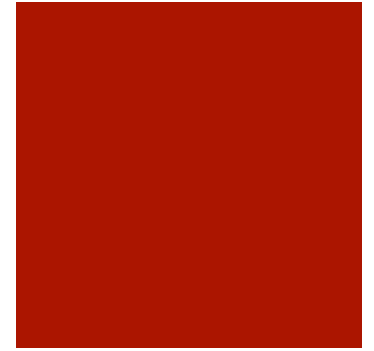
LOPS 2014 in figures

- 7 submissions
- Interdisciplinary researches (physics, biology, planetary)
- 3 reviews per paper
- 16 PC members



Program Outlook

- 08:30 am: Welcome Talk
- 08:35 am: Keynote
- 09:15 am: Session 1
- 10:05 am: Coffee break
- 10:30 am: Session 2
- 11:45 am: Discussion
- 12:00 am: Lunch



Acknowledgements

- ICDE 2014 organizing committee
- ICDE workshop chairs: Reynold Cheng, Matthias Renz and Philip Yu
- All PC members
- You, the authors !

