

EuroScipy 2010

3rd Annual European Conference for Scientists using Python



Paris, Ecole Normale Supérieure, July 8-11 2010

Dates

Registration opens Sun. March 29

Paper submission deadline Sun. May 9

Program announced Sun. May 22

Tutorials tracks Thur. July 8 – Fri. July 9

Conference Sat. July 10 – Sun. July 11

Topics

- Presentations of scientific tools and libraries using the Python language, including but not limited to:
 - Vector and array manipulation
 - Parallel computing
 - Scientific visualization
 - Scientific data flow and persistence
 - Algorithms implemented or exposed in Python
 - Web applications and portals for science and engineering
- Reports on the use of Python in scientific achievements or ongoing projects.
- General-purpose Python tools of interest to the scientific community.

Preliminary program

2 days introductory tutorial

Getting up to speed with Python for scientific computing.

Advanced tutorials

Experts presenting top-notch libraries: visualization, advanced array manipulation, symbolic algebra, packaging, sparse matrix computing, C binding, cython.

R. Cimrman, F. Pedregosa, M. Poinot, G. Varoquaux, P. Virtanen, T. Ziade...

Keynote speakers

Hans Petter Langtangen

Simula laboratory, Oslo, director of scientific computing and bio-medical research. Author of *Python scripting for computational science*.

Konrad Hinsen

Synchrotron SOLEIL and Centre de Biophysique Moléculaire (Orléans). One of the fathers of *numeric*, and developer of *Scientific Python*.

Committees

Conference chairs

- Gaël Varoquaux (INRIA, Parietal team)
- Nicolas Chauvat (Logilab)

Program committee

- Romain Brette (ENS Paris, DEC)
- Mike Müller (Python Academy, Leipzig)
- Christophe Pradal (CIRAD/INRIA, Virtual Plantes team)
- Pierre Raybault (CEA, DAM)
- Jarrod Millman (UC Berkeley, NeuroScience)

