

Workshop on Reproducible Research in Signal, Image and Geometric Processing

Fondation des Treilles

July 22-26, 2013

GENERAL PLANNING

The workshop is composed of two daily breakout group sessions at 10:30 am and 4:30. The content and planning of these sessions will be decided during the first meeting on Monday afternoon, briefly extended after the dinner if needed for late arrivals. The preliminary list of proposed topics is:

- Scientific content to publish and how in image processing.
- Scientific content to publish and how in sound processing.
- Scientific content to publish and how in video processing.
- Scientific content to publish and how in 3D data processing.
- Formats and web interfaces for image, sound, video and 3D data.
- Which software (language, libraries) is suited to publication and online execution?
- How to review, verify and validate software.
- Revision and fixation of the (article+software+online exec) reviewing process.
- Conception and standardization of online execution tools.
- Long term management, growth, scalability, funding, archival.
- Benefits and drawbacks of publishing software, obstacles and incentives for authors.
- Legal aspects and intellectual rights, copyright and patents.
- Relations with scientific organizations, publishers, preprint/software/data repositories, and other initiatives.

Breakout group sessions follow this pattern: 30min max introduction by chairpersons, 2h group discussion, 30min inter-group report and exchange. A coffee break is available every day from 10:30 am and 5:00 pm, to be taken at the convenience of the group participants.

Chairpersons will prepare a 1-2 page report for their groups, to be assembled during the final Friday session.

MONDAY (22/07)

Arrival

5:30 pm Organization and planning

7:30 pm Welcome dinner

TUESDAY (23/07)

10:00 am Breakout groups

12:30 am Inter-group reports and exchange

1:00 pm Lunch

4:30 pm Breakout groups

7:00 pm Inter-group reports and exchange

7:30 pm Dinner

WEDNESDAY (24/07)

10:00 am Breakout groups

12:30 am Inter-group reports and exchange

1:00 pm Lunch

4:30 pm Breakout groups

7:00 pm Inter-group reports and exchange

7:30 pm Dinner

THURSDAY (25/07)

10:00 am Breakout groups

12:30 am Inter-group reports and exchange

1:00 pm Lunch

Free afternoon

7:30 pm Dinner

FRIDAY (26/07)

10:00 am Breakout groups

12:30 am Inter-group reports and exchange

1:00 pm Lunch

4:30 pm Concluding session

7:30 pm Dinner

SATURDAY (27/07)

Departure