

# Call for Abstracts

Bioimage Analysis Workshop  
April 30–May 1, 2012, Barcelona, Spain

**Deadline: March 1, 2012**

## Bioimage Analysis Software: Is There a Future Beyond ImageJ?

The workshop will bring together developers and users of imaging software for the analysis of biomedical images. Its purpose is to review the state of the art and to establish requirements for future developments. The focus will be on JAVA-based open-source solutions—in particular, ImageJ—and other open architectures that facilitate the development of plugins and community-driven projects.

The program will feature a series of invited talks by software developers and researchers who have significantly contributed to the field. In addition to the invited presentations, there will be special slots for posters and demos, as well as roundtable discussions for drafting a roadmap for the development of new resources in the context of Euro Bioimaging.

This workshop is a satellite event of the ISBI 2012 conference. The meeting dates are set just before the IEEE International Symposium on Biomedical Imaging in Barcelona (May 2-5, 2012).

### **Themes**

This call for contributions invites proposals from users and developers, as well as from researchers on topics relevant to the workshop.

- Description of novel open-source image-analysis software
- Solutions for the analysis of biological and biomedical images
- Issues in parallel implementations, multidimensional data, scripting, large data sets
- Mechanisms of standardization and accreditation of software
- Benchmarking and testing
- Web-based resources

### **General Information**

- Format: keynote speeches by invited speakers, posters/demos, and roundtables
- The participation fees is 100 euros, which covers lunches and participation

### **Submitting a proposal**

- Abstract (at most 250 words) to submit at: <http://bigwww.epfl.ch/eurobioimaging/submit/>
- Submission deadline: March 1, 2012. Notification of acceptance: March 15, 2012
- The accepted abstracts will be presented as posters/demos

### **Organizers**

- Michael Unser, École polytechnique fédérale de Lausanne (EPFL), Switzerland
- Arrate Muñoz-Barrutia, Center for Applied Medical Research, Pamplona, Spain
- Andreas Jahnen, CRP Henri Tudor, Luxembourg
- Daniel Sage, École polytechnique fédérale de Lausanne (EPFL), Switzerland