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## **General Chairs:**

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## **Program Chairs:**

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## **Scientific CAI Topics:**

- Systems and Software
- Evaluation and Validation
- Interventional Imaging
- Interventional Robotics
- Tracking and Navigation
- Surgical Planning
- Surgical Simulation
- Advanced Intra-Op Visualization
- Intra-operative UI
- Surgical Workflow
- ...

## **IPCAI 2012, June 27 Pisa, Italy**

After the past successful conference, IPCAI again organizes an event in which the best conference articles in computer-assisted interventions are reviewed, selected, presented and actively discussed.

IPCAI aims at taking the particular aspects of interest and importance to CAI into account directly during the paper review process. IPCAI will include papers presenting novel technical concepts, clinical needs and applications as well as hardware, software and systems and their validation. This year IPCAI will also include an organized joint session with ISCAS on clinical needs and opportunities, with significant discussions.

Similar to IPMI, IPCAI makes sure that the paper selection process is finalized before final paper selection of both MICCAI and CARS conferences organized in the corresponding year. This allows submission of papers not accepted by IPCAI criteria to one of these conferences.

The format of the conference allows more time for constructive discussion. For each presented paper, at least thirty minutes will be allocated and questions will be prepared by committee members. We also plan for a poster session with extended (5 minute) teasers and organized discussion.

Papers will be published in LNCS Springer proceedings.

## **Important dates:**

- Deadline for full paper submission: November 25, 2011
- Rebuttal phase: January 11 – 16, 2012
- Author notification: February 3, 2012
- Conference: June 27, 2012

## **Things to know:**

- A dedicated highly selective review process
- 30' long talks with unlimited discussion for each
- Constructive and interactive friendly atmosphere
- Fully dedicated to Computer Assisted Interventions
- With different points of view: methodological and/or technical innovation, validation, clinical evaluation, system integration, ergonomics
- Proceedings in Lecture Notes in Computer Science (Springer)