



September 28, 2017
IEEE IROS, Vancouver



Call for Contributions

We invite contributions related to the topics of the workshop, with two poster sessions where participants will have the opportunity to present their work. It could concern the presentation of a specific research work or a general overview of a project performed in their laboratory. A three minutes teaser presentation per contributor will be scheduled before each poster session.

For contributing, we invite interested participants to submit a 1-page (two-columns) extended abstract following the IEEE conference PDF format.

Latex Template: <http://ras.papercept.net/conferences/support/tex.php>

MS Word Template: <http://ras.papercept.net/conferences/support/word.php>

Contributions are not requested to be exclusively original but can also present work that are based on previously published results. Contributions are reviewed and authors of accepted abstracts will present their work in the teaser and poster sessions of the workshop. The presence of at least one of the authors of accepted contributions is mandatory at the workshop.

Accepted abstracts will be published on the workshop website. Please submit your 1-page extended abstract (PDF only) by email to abstracts@robotic-imaging.com

Important Dates

Abstract (1-page, two-columns) submission deadline: August 21th

Acceptance notification: September 4th

Workshop at IROS 2017: September 28th

Topics of interest

Robotic Imaging

- Diagnostic and interventional imaging
- Surgical robot imaging
- Multi-modal imaging
- Autonomous and semi-autonomous acquisitions
- Visual servoing

Situation-awareness

- Compliant robots for human operation
- Sensing and perception for robot-assisted systems in medicine
- Vision-assisted control
- Environment awareness and registration

Interaction

- Operator-robot interaction
- Robot-patient interaction
- Tele-manipulation in robotic imaging and guidance
- Collaborative robotics



September 28, 2017
IEEE IROS, Vancouver



Systems

- Robot-assisted surgery
- Robotic ecosystems for image-guided procedures
- Personalized imaging systems

More information

www.robotic-imaging.com