IPCAI is a premier international forum for technical innovations, system development and clinical studies in computer assisted interventions (CAI). Submissions of original work are encouraged within the broad areas of interest of CAI and specifically in:

- Surgical data science
- Interventional imaging
- Systems and software
- Evaluation and validation
- Tracking and navigation
- Interventional robotics
- Surgical planning and simulation
- Advanced intra-operative visualization and user interfaces
- Augmented reality for medical applications
- Surgical skill analysis and workflow

**Program Chairs**

Cristian A. Linte, Rochester Institute of Technology, USA
Nicolas Padov, ICube, University of Strasbourg, France

**General Chairs**

Kensaku Mori, Nagoya University, Japan
Parvin Mousavi, Queen’s University, Canada
Danail Stoyanov, University College London, UK

**Area Chairs**

Nathan Cahill, Rochester Institute of Technology, USA
Elvis Chen, Robarts Research Institute, Canada
Matt Clarkson, University College London, UK
Stefanie Demirci, Technical University of Munich, Germany
Pascal Fallavollita, University of Ottawa, Canada
Stamatia Giannarou, Imperial College London, UK
Miguel Angel Gonzalez-Ballester, Universitat Pompeu Fabra, Spain
Lixu Gu, Jiao Tong University, Shanghai, China
Thomas Langa, SINTEF, Norway
Su-Lin Lee, Imperial College London, UK
Peter Mountney, Siemens Medical Imaging Technologies
Yoshito Otake, Nara Institute of Science and Technology, Japan
Mihaela Pop, University of Toronto, Canada
Maryam Rettmann, Mayo Clinic, Rochester, USA
Amber L. Simpson, Memorial Sloan Kettering Cancer Center, USA
Stefanie Speidel, Karlsruhe Institute of Technology, Germany
Raphael Sznitman, University of Bern, Switzerland
Amir Tahmasebi, Philips Research North America, USA
Ziv Yaniv, National Institutes of Health, USA

**Program Board**

Dave Hawkes, University College London, UK
Nassir Navab, Technical University of Munich, Germany
Johns Hopkins University, USA
Tim Salcudean, University of British Columbia, Canada
Russell Taylor, Johns Hopkins University, USA

**Publicity Chair**

Nicolas Loy Rodas, ICube, University of Strasbourg, France

---

**Important Dates**

Paper submission: November 7, 2016
(Extended deadline)
Author notification: January 21, 2017

IPCAI will be hosted by the 31st International Conference on Computer Assisted Radiology and Surgery (CARS)
www.cars-int.org

Accepted papers are eligible for publication in a special issue of the International Journal of Computer Assisted Radiology and Surgery (IJCARS). IJCARS is indexed in PubMed and its current impact factor is 1.827.

www.ipcai.org

IPCAI 2017 is endorsed by

MICCAI

ISCAS

---

**Steering Committee:** Purang Abolmaesumi, Kevin Cleary, Gabor Fichtinger, Makoto Hashizume, David Hawkes, Heinz Lemke, Pierre Jannin, Leo Joskowicz, Ron Kikinis, Kensaku Mori, Nassir Navab, Terry Peters, Ichiro Sakuma, Tim Salcudean, Gábor Székely, Russell Taylor, Guang-Zong Yang