Call for Papers

The IEEE International Conference on Computational Photography (ICCP) 2020 seeks novel and high-quality submissions in all areas of computational photography, including, but not limited to:

- High-performance Imaging
- Computational Cameras, Illumination, and Displays
- Advanced Image and Video Processing
- Machine Learning for Inference and/or Camera Design
- Vision with Camera Arrays and Multiple Images
- Organizing and Exploiting Photo / Video Collections
- Structured Light and Time-of-flight Imaging
- Appearance, shape, and illumination capture
- Computational Optics (wavefront coding, digital holography, compressive sensing, etc.)
- Sensor and Illumination Hardware
- Applications: Imaging on Mobile Platforms, Scientific Imaging, Medicine and Biology, User Interfaces and AR/VR Systems

This year, ICCP is co-ordinating with the IEEE Transactions on Pattern Analysis and Machine Intelligence (PAMI) for a special issue on Computational Photography to be published after the conference. All submissions to ICCP will undergo a common review process, and judged for acceptance to either:

1. The PAMI special issue: for papers that describe entirely novel work (i.e., not extensions of published conference papers), and are also of archival quality with comprehensive evaluation and analysis; or

2. The ICCP Proceedings: for papers that meet traditional conference criteria for quality and novelty, but do not meet criteria for (1) above.

Reviewing will be double-blind, and authors will be given an opportunity for a rebuttal after initial reviews. After review, authors of accepted papers will be informed by program chairs whether their paper has been selected for the special issue or the conference proceedings. Both sets of accepted papers will be presented as talks at the conference.

Please visit https://iccp2020.engr.wustl.edu/cfp.html for detailed submission instructions and policies, and for information on the review and decision process.

Submission Deadline: December 13, 2019
Decisions: February 21, 2020
Conference: April 24-26, 2020