

IS&T is proud to announce the launch of a new journal at the intersection of perception and imaging:



Journal of Perceptual Imaging

Peer-reviewed • Open Access • Multidisciplinary

Publishing research in perception and cognition that supports, or is inspired by, imaging technologies and applications influenced by research in human perception, cognition, and neuroscience.

JPI springs from the IS&T **Conference on Human Vision and Electronic Imaging (HVEI)**, which has been driving the research agenda in this multidisciplinary field for 30 years.

Scope

The Journal of Perceptual Imaging (JPI) focuses on the role of the human in the expanding world of imaging. We welcome research in perception, cognition, and neuroscience that supports or is inspired by emerging imaging science and technologies. We also welcome research in image analysis, representation, and visualization for real-world problems in science, medicine, business, and engineering, that is driven by perceptual, cognitive, and neuroscience research. JPI publishes experimental, theoretical, computational, and survey papers, new scientific results, algorithms, evaluation techniques, methodologies, and innovations.

Topics include:

- Human vision, audition, touch, and multisensory interactions
- Color perception and applications
- Visualization and computer graphics
- Machine learning, computer vision, and artificial intelligence
- Image and video compression, quality, and quality of experience
- Image and video analysis, synthesis, and content-based retrieval
- Texture, lighting, and material appearance
- Visual attention, eye movements, and salience
- Visual representation and interaction
- Depth, stereo, and movement
- Memory, perceptual organization, and semantics
- Computational photography
- Immersive and augmented environments
- Human decision making and problem solving
- Digital Humanities
- Art, aesthetics, and emotion

Editorial Board

Editors-in-Chief

Bernice E. Rogowitz, Visual Perspectives & Columbia U. (USA)

Thrasyvoulos N. Pappas, Northwestern University (USA)

Associate Editors

Damon Chandler, Shizuoka University (Japan)

Huib de Ridder, Delft University of Technology (Netherlands)

Pierre Dragicevic, INRIA (France)

Ruth Rosenholtz, MIT Brain & Cognitive Sciences (USA)

Michael Webster, University of Nevada, Reno (USA)

Steering Committee

Chair: Andrew "Beau" Watson, Apple Inc. (USA)

Robin Jenkin, NVIDIA (USA)

Sergio Goma, Qualcomm Technologies Inc. (USA)

Suzanne Grinnan, IS&T (USA)

Christopher Tyler, Smith-Kettlewell Eye Research Inst. (USA)

Paper Submission Details: Original manuscripts not previously published and not currently submitted for publication elsewhere may be submitted for peer review. Prior publication does not refer to conference abstracts, paper summaries, or non-reviewed proceedings. Submissions that expand in scope and level of detail on preliminary communications published as conference papers, abstracts, or summaries are acceptable; prior work must clearly be cited in these situations.

Fast-Track Publication: Accepted papers are posted online as soon as final approval is given by the author(s) and editors. Once all the papers in an issue are finalized, the journal volume is created.

All JPI papers will be available as Open Access in the IS&T Digital Library, in their entirety, for free, in perpetuity, irrespective of the specific copyright chosen by authors/employers.

<http://bit.ly/IST-JPI>

