Journal of Perceptual Imaging

Call for Papers

IS&T 75thAnniversary Special Issue

Submission deadline: November 1, 2022

As part of IS&T's 75th Anniversary celebration, JPI invites submissions to a special issue of the Journal of Perceptual Imaging. Building on the long tradition of HVEI, we welcome original scientific research and review papers at the intersection of imaging and human perception and cognition.

TOPICS

PERCEPTION AND COGNITION FOR IMAGING AND VISUALIZATION

- Vision, audition, touch, and multisensory interactions
- Color perception
- Texture, lighting, and material appearance
- Visual attention and saliency
- Memory, perceptual organization, and semantics
- Depth, stereo, and movement
- Art, aesthetics, and emotion

PERCEPTUALLY INSPIRED ALGORITHMS AND APPROACHES FOR:

- Image and video quality and compression
- Image analysis and understanding
- Visualization, computer graphics, and visual analytics
- Machine learning, AI, and computer vision
- Virtual, Augmented and Mixed Reality
- Medical Imaging and Bioinformatics
- Computational Photography and High Dynamic Range

Submission and Review

Submission details are found via *JPI Author Guidelines*. Submissions must include a cover letter with the names of the authors and their affiliations, addresses, mobile numbers, and e-mails. Prospective authors can submit complete manuscripts electronically via https://jpi.msubmit.net/ by **November 1, 2022**. All

submitted papers will be peer-reviewed and selected based on their originality, significance, relevance, and clarity of presentation.