The 8th European Workshop on Visual Information Processing (EUVIP) continues the series of workshops on visual information processing, modelling, and analysis inspired by human and biological visual systems, with applications to image and video processing and communications. The conference program will feature oral and poster presentations, student sessions, tutorials, and plenary sessions. Topics of interest to EUVIP 2019 include, but are not limited to:

- Computational vision models and perceptual-based processing
- Visual quality and quality of experience assessment
- Sparse and redundant visual data representation
- Visual scenes analysis
- Display and quantization of visual signals
- Deep learning for visual information processing
- Visual information processing for AR/VR Systems
- Image and video compression
- Image restoration, enhancement and super-resolution
- Video processing and analytics
- Biometrics, forensics, and image & video content protection
- Depth map, 3D, multi-view encoding
- Color image understanding & processing
- Image and video data fusion
- Image and video communication in the cloud
- Visual substitution for blind and visually impaired
- Image processing for autonomous vehicles
- 360/omnidirectional image/video processing

The program includes four special sessions:

- Visual communications with 6 Degrees of Freedom
- Intelligent Methods and Artificial Intelligence for Biomedical Imaging Systems
- Contrast and its Role in Image and Video Quality Assessment
- Video Tracking

Regular student papers, for which the first author is a student, will be considered for best student paper award.

**IMPORTANT DATES**

- September 1, 2019: Poster and demo submission
- June 30, 2019: Paper Submission
- September 1, 2019: Notification of paper acceptance
- September 10, 2019: Notification of poster and demo acceptance
- September 22, 2019: Submission of camera-ready papers

For further information and updates, please refer to the conference website: http://euvip.org