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## The First International Conference on Applications and Systems of Visual Paradigms

**VISUAL 2016**

**November 13 - 17, 2016 - Barcelona, Spain**

<http://www.aria.org/conferences2016/VISUAL16.html>

### Important deadlines:

Submission (full paper)	June 27, 2016
Notification	August 20, 2016
Registration	September 3, 2016
Camera ready	October 4, 2016

### Tracks:

#### Visual Computation and Modeling

Computer Vision; Computer Graphics; Computer Animation; Visual Patterns; Visual Perception; Virtual Reality and Augmented Virtual Reality; Augmented desktop; Video and Image Retrieval and Processing; Recognizing Image Visual Context; Medial Models for Vision; Multi-sensory Processing in Humans and Machines; Shapes Computational Approaches

#### Eye Visual Perception Mechanisms

Visual Neuroscience; Eye Movement Analysis and Illusions; Perception of Gaze Direction ; Reflexive Attentional Shift; ole of Orientation and Position in Shape Perception; Signal and Noise Orientations; Eye-movement Patterns; Visio-tactile Contributions to the Perception of Naturalness

#### Visual Robotics

Perceptual Robotics; Spatio-temporal Sensing; Coding and Decoding Strategies for Depth Perception; Perceive 3-D Structure of Objects; Depth Perception in Depth-fused 3-D (DFD); Visual acuity; Comparing Audiovisual Distance Perception in 'Real' and 'Virtual' Environments; Inferred Motion Perception

#### Environment Visual Modeling

Applied Computer Vision; 2D/3D Visualization; Shape Representation and Processing; Haptic and Vision Perception; Frameworks for Gaze Guidance; Human Visual Communication; Visual Image Reconstruction from Human Brain Activity; Fast and Robust Decoding of Visual Information

#### Visual Approaches for Software/Hardware

Visual Software and Hardware Languages and Methodologies; Visualization of Systems Integration and Design; Visual Programming Paradigms; Visualizing Models and Meta-Models; Software Quality Visualization; Visual Abstractions; Visual Process Mining; Visualizing Concurrent Programs; Code and Programs Visual Exploration/Verification; Visualizing Big Data Links; Web-based Data Visualization; Visualizing Missing Information; Visualizing Hidden Relationships; Comparative Visualizations; Visualization for Program Comprehension and Maintenance; Trace Visualization; Thread Interleaving Visualization; Interface Animation

#### Visual Services and Applications

Visualizing Mobility; Visual Analytics; Visual Games; Visual Reasoning Systems; Visualizing Manufacturing Factories; Visualizing Nanoscale Neuronal Models; Visual Forensic Analytics; Visual Analytics of Environmental Metrics (Earth, Oceans, Atmosphere, etc.); Visualizing Social Networks and Communities; Business Intelligence