CALL FOR PAPERS

GraphiCon'2013 - Computer Graphics and Vision 23rd International Conference
September 16 - 20, 2013
Vladivostok, Russia
2013.graphicon.ru

Welcome

GraphiCon is a leading international conference on Computer Graphics, Computer Vision, Image and Video processing in Russia since 1991. The next 23 rd event will be hosted by Institute for Automation and Control Processes Far Eastern Division RAS and Far Eastern Federal University (FEFU) in cooperation with Lomonosov Moscow State University and Institute of Applied Mathematics RAS on September 16-20, 2013. Conference venue – campus of FEFU on the Island Russky, Vladivostok. GraphiCon'2013 is a single track meeting with oral and poster presentations and will include several State-of-the-Art presentations to be announced soon. Traditionally, GraphiCon'2013 will also include Young Scientist School (on September 19-20).

Authors are invited to submit papers presenting previously unpublished work directly related to the key subjects of the conference. Submitted papers will be doubly blind reviewed based on the criteria relevance, originality, validity and reliability of the results. Working languages - English and Russian. The conference papers which are closest subject of the journal **"Scientific Visualization"** will be published in the 4th issue of the journal (special issue).

Students and postgraduates are encouraged to submit short papers (4 pages) for Young Scientist School. Accepted papers will be presented at the conference as posters and will appear in the proceedings. All accepted works will participate in the competition for young scientists. The official language for papers for Young Scientist School is Russian.

Conference topics

The main topics of the conference include (the following list is not exhaustive):

Computer graphics:

- Visualization and rendering techniques
- Geometry modeling and processing
- Computer graphics hardware and GPU applications
- Animation and simulation
- Virtual and augmented reality
- Scientific visualization & visual analytics
- Applications of CG

Computer vision:

- Object localization and recognition

- Statistical methods and learning in image analysis
- 3D reconstruction and acquisition
- Multi-sensor fusion and 3-D registration
- Structure from motion and stereo

Image and video processing:

- Early vision and image representation
- Image enhancement, restoration and super-resolution
- Medical image processing
- Tracking and surveillance
- Segmentation and grouping

Further information
GraphiCon'2013 website: **http://2013.graphicon.ru**
Contact email: **2013@graphicon.ru**
Conference venue: Far Eastern Federal University, Vladivostok, Russia