



Call for Paper

The 11th International Conference on Computer Vision Systems

Shenzhen, China
July 10-13, 2017

icvs2017.ram-lab.com

Conference Secretary Email: icvs2017@gmail.com

The 11th International Conference on Computer Vision Systems (ICVS 2017) aims to gather researchers and developers from both academia and industry worldwide and to explore the state of the art and the prospects of vision systems. The perspective on systems offers a unique opportunity for sharing competence in application development and for identifying application-driven research questions.

Shenzhen was a market town of 30,000 people on the route of the Kowloon–Canton Railway. That changed in 1979 when Shenzhen was promoted to city-status and in 1980 designated China's first Special Economic Zone. Shenzhen was one of the fastest-growing cities in the world during the 1990s and the 2000s. Shenzhen is a now major financial center in southern China. The city is home to the Shenzhen Stock Exchange as well as the headquarters of numerous high-tech companies.

ICVS2017 is her first time in Asian and promises to be a great event for all participants, with excellent technical and social programs in the inspiring city.

Contributed Papers: We warmly welcome contributions of papers targeting the conference scope, which includes but is not limited to the following topics:

- Building Vision Systems: Paradigms, architectures, integration, control
- Vision Systems Applications: Systems deployed in real/realistic scenarios
- Real-Time Vision Systems
- Robot Vision
- Mobile and Wearable Vision Systems
- Hardware-Implemented Vision Systems
- Vision for the Real World: Robustness, learning, adaptability, self-assessment, failure recovery
- Vision for Action: Robotics, perception-action loops
- Vision in Context: Context awareness, knowledge representations, reasoning, goal specification
- Biological Vision: Computer vision inspired by biology or psychology
- Cognitive Vision Systems
- Human-computer interaction: Monitoring, supervised learning, scene interpretation
- Human-Robot Collaboration: Gesture recognition, scene understanding
- Performance Evaluation: benchmarks, methods and metrics

Important Dates:

Submission of original PDF full papers: **March 30, 2017**

Submission of organized focused theme session proposals: **March 30, 2017**

Notification of paper and organized session acceptance: **May 15, 2017**

Submission of final papers: **June 1, 2017**

Organizing Committee:

Conference Chairs:

Markus Vincze, TU Wien, Austria

Ming Liu, Hong Kong University of Science and Technology

Program Chairs:

Haoyao Chen, Harbin Institute of Technology, China

Ning Sun, Nankai University, China

Exhibition Chairs:

Xiaorui Zhu, Harbin Institute of Technology, China

Publicity Chair:

Yantao Shen, University of Nevada, USA

Tutorials & Workshops Chair:

Lujia Wang, Shenzhen Institute of Advanced Technology of CAS, China

Xuebo Zhang, Nankai University, China

Publication Chairs:

Yongsheng Ou, Shenzhen Institute of Advanced Technology of CAS, China

Financial Chairs:

Zeyang Xia, Shenzhen Institutes of Advanced Technology of CAS, China

Registration Chairs:

Yuqing He, Shenyang Institute of Automation, China

Tutorials & Workshops: Proposals for tutorials and workshops addressing new topics in Real-time Computing and Robotics are invited for submission to the T/W chair.