



Special Track: Vision for Remote Sensing and Infrastructure Inspection

14th International Symposium on Visual Computing

Lake Tahoe, Nevada, USA

October 7-9, 2019

<http://www.isvc.net>

Scope

With the emergence of affordable yet advanced visual sensors, it is possible to develop innovative visual perception capabilities for various robotic systems. The goal of this special session is to 1) present the state-of-the-art in visual perception and its application in remote sensing and inspection and 2) explore the new frontiers in the area of visual computing for robotics with an emphasis on remote inspection applications. The special session welcomes papers that explore new ways of using visual sensors to solve problems in robotics, remote sensing, and infrastructure inspection.

Topics

Topics of interest include, but are not limited, to the following areas:

- Vision for infrastructure inspection
- Vision for remote sensing
- Nondestructive evaluation systems
- Nondestructive testing systems
- 3D environmental modeling
- Calibration and remote sensing
- Visual localization and navigation systems
- Visual inspection systems and applications
- Sensor fusion for visual perception
- Vision for robotic systems

Organizers

Dr. Hung M. La, University of Nevada, Reno, USA, hla@unr.edu

Dr. Alireza Tavakkoli, University of Nevada, Reno, USA, tavakkol@unr.edu

Dr. Trung-Dung Ngo, University of Prince Edward Island, CA, tngo@upei.ca

Dr. Trung H. Duong, Colorado State University- Pueblo, CO, trung.duong@csupueblo.edu

Program Committee

Dr. Hung M. La, University of Nevada, Reno, USA, hla@unr.edu

Dr. Alireza Tavakkoli, University of Nevada, Reno, USA, tavakkol@unr.edu

Dr. Trung-Dung Ngo, University of Prince Edward Island, CA, tngo@upei.ca

Dr. Trung H. Duong, Colorado State University- Pueblo, CO, trung.duong@csupueblo.edu

Dr. Ha Do, Colorado State University- Pueblo, CO, ha.do@csupueblo.edu

Dr. Jonathan Greenberg, University of Nevada, Reno, jgreenberg@unr.edu

Important Dates

See <http://www.isvc.net/>

Paper Submission Procedure

See <http://www.isvc.net/index.php/paper-submission/>

