The International Symposium on Geometry and Vision (ISGV 2021)
28-29 January 2021, Auckland CBD, Auckland, New Zealand
Website: https://cerv.aut.ac.nz/isgv2021 Contact: minh.nguyen@aut.ac.nz

GENERAL CHAIRS:
- Wei Qi Yan (Auckland University of Technology, New Zealand)
- Harvey Ho (University of Auckland, New Zealand)

PROGRAM CHAIRS:
- Minh Nguyen (Auckland University of Technology, New Zealand)
- Zhixun Su (Dalian University of Technology, China)

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- Gisela Klette (Auckland University of Technology, New Zealand)
- Yanqiang Li (SDAS, Shandong China)

AREAS AND AREA CHAIRS:
- **Deep Learning and Multimedia Technology**
  - Wei Qi Yan (AUT, New Zealand)
- **Deep Vision and Applications**
  - Mariano J. Rivera Meraz (Centro de Investigación en Matemáticas AC Guanajuato, Mexico)
- **Discrete Geometry**
  - Atsushi Imiya (Chiba University, Japan)
- **Face Recognition and Low-Quality Images**
  - Domingo Mery (Universidad Catolica de Chile, Chile)
- **Kinect Camera and Pattern Analysis**
  - Nicolai Petkov (University of Groningen, the Netherland)
- **Medical Image Analysis**
  - Harvey Ho (University of Auckland, New Zealand)
- **Media Security, Privacy, and Forensics**
  - Jiande Sun (Shandong Normal University)
- **Numerical Computation and Photometric Images**
  - Ryszard Kozera (Warsaw University, Poland)
- **Optical Sensors**
  - Ralf Reulke (Humboldt University Berlin, Germany)
- **Panoramic Vision**
  - Fay Huang (Ilan University, Taiwan)
- **Path Planning for Autonomous Vehicles**
  - Yanqiang Li (SDAS, China)
- **Robotics**
  - Loulin Huang (AUT, New Zealand)
- **Segmentation and Graphical Models**
  - Xiaoyi Jiang (University of Münster, Germany)
- **Sensor Information Systems**
  - Anko Boerner (German Aerospace Center, Germany)
- **Soft Robots**
  - Martin Stommel (AUT, New Zealand)
- **Stereovision**
  - Hsiang-Jen Chien (Auckland Transport, New Zealand)
- **Traffic and Transport**
  - Derek Zhang (Auckland Transport, New Zealand)
- **Visual Geometry for Tracking**
  - Zhixun Su (Dalian University of Technology, China)
- **Visual Geometry for Safe Driving**
  - Akihiro Sugimoto (National Institute of Informatics, Japan)
- **Augmented and Virtual Reality (AR/VR)**
  - Minh Nguyen (AUT, New Zealand)

About The Event

The International Symposium on Geometry and Vision (ISGV 2021) will take place on **28-29 January 2021** at **Auckland, New Zealand**.

ISVG 2021 is an international conference on geometry and vision that brings together academics and researchers working in the areas of digital geometry, graphics, image and video technologies, computer vision, and multimedia technologies. If a submission fits into this wide range of areas, then please contact an area chair closest to the topic of this submission. In general, we would like to invite submissions aiming either at highlighting relationships between adjacent topics within the listed areas or contributing to the solution of a particular topic within one area which is of fairly general interest.

ISVG 2021 will be brought to you by the Centre of Robotics & Vision (CeRV), Auckland University of Technology (AUT), in collaboration with the University of Auckland. The best paper of this international symposium will be awarded as the Reinhard Klette Award to memorialize Professor Reinhard Klette, the founding Director of CeRV center.

Professor Reinhard Klette (1950-2020) was a Fellow of the Royal Society of New Zealand (RSNZ), a Helmholtz International Fellow (Germany), a Friendship Ambassador of Shandong province (Shandong China), a winner of Quancheng Friendship Award (Jinan China).

Topics covered:

In the context of the listed areas, the submissions may address the basics or applications under a geometric viewpoint in:
- Computer Vision or Robot Vision
- Pattern Recognition and Machine Learning
- Signal Processing
- Multimedia Processing and Interaction
- Medical Image Processing
- Stereovision
- HCI, AR and VR
- Autonomous Vehicles
- Others

Publication of proceedings:
- All accepted papers must be personally presented by one of the co-authors.
- All accepted papers will be published in Springer's Communications in Computer and Information Science (CCIS). CCIS is indexed by various A and I services, e.g., Citation Index, Scopus, EI Engineering Index, Google Scholar, DBLP, etc.
- Authors should consult Springer's authors' guidelines and use their proceedings templates, either for LaTeX or for Word, for the preparation of their papers. Springer encourages authors to include their ORCIDs in their papers.
- For more information, please check http://www.springer.com/series/7899.

Important Dates:
- Paper Submission: 26 November 2020
- Notification to Authors: 22 December 2020
- Camera Ready Papers Due: 12 January 2021
- Conference Sessions: 28-29 January 2021 (NZ Time)
- Welcome Reception Party: 28 January (evening) 2021
- Banquet: 29 January (evening), 2021
- Final Paper Sources: 10 February 2021 (for CCIS publication)