

14:45 - 15:05

Session VIII: Machine Vision and Image Processing

- 14:45** **Omnidirectional Catadioptric Image Unwrapping via Total Variation Regularization**
Pierre Bourgeois, Institut de Recherche en Systèmes Electroniques Embarqués
Paul Rodriguez, Pontificia Universidad Catolica del Peru
Nicolas Ragot, Institut de Recherche en Systèmes Electroniques Embarqués
- 15:05** **Increasing Compression of JPEG Images Using Steganography**
Reza Jafar, Université de Sherbrooke
Djemel Ziou, Université de Sherbrooke
Abdelhamid Mammeri, Université de Sherbrooke
- 15:25** **Lens Distortion Correction for Thermal Cameras to Improve Aerial Imaging with Small-Scale UAVs**
Saeed Yahyanejad, University of Klagenfurt
Jakub Misiorny, University of Klagenfurt
Bernhard Rinner, University of Klagenfurt
- 15:45** **Visual Detection of Objects in a Robotic Work Area using Hand Gestures**
Sebastian A van Delden, University of South Carolina Upstate
Michael Umrysh, University of South Carolina Upstate
- 16:05** **A Direct Approach for Face Detection on Omnidirectional Images**
Yohan Dupuis, Institut de Recherche en Systèmes Electroniques Embarqués
Xavier Savatier, Institut de Recherche en Systèmes Electroniques Embarqués
Jean-Yves Ertaud, Institut de Recherche en Systèmes Electroniques Embarqués
Pascal Vasseur, Université de Rouen
- 16:25** **Improving Alignment of Faces for Recognition**
Md Kamrul Hasa, École Polytechnique de Montréal
Christopher Pal, École Polytechnique de Montréal
- 16:45 - 17:00** **Best Paper Awards and Closing Remarks**