Message from the Guest Editors

This Special Issue is intended to review the state-of-the-art on infrared imaging, from image acquisition to the processing, and understanding of all the infrared spectra. The following infrared imaging topics will be covered, but this Special Issue is not limited to only these topics:

- Imaging systems (NIR/SWIR/MWIR/LWIR)
- Processing (filtering, coloring, feature extraction and matching)
- Representation (fusion, thermal mapping)
- Understanding (machine learning, pattern recognition)
- Deep/Transfer learning, Domain adaptation
- Vision-aided navigation
- Sensing for agriculture and food safety
- Autonomous driving
- Thermal image applications
- Remote sensing

This Special Issue will receive extended version of papers on infrared imaging published at the workshop on “Perception Beyond the Visual Spectrum” (workshop series in conjunction with CVPR conference) http://vcipl-okstate.org/pbvs/17/index.html
Message from the Editorial Board

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