



Advances in Spectroscopy and Spectral Imaging

Collection Editors:

Dr. Pierre-Jean Lapray

The Institute for Research in
Computer Science, Mathematics,
Automation and Signal, IRIMAS
UR 7499, University of Haute-
Alsace, 68100 Mulhouse, France

Dr. Jean-Baptiste Thomas

Department of Computer
Science, Norwegian University of
Science and Technology, 2806
Gjøvik, Norway

Dr. Yusuke Monno

Okutomi & Tanaka Laboratory,
Department of Systems and
Control Engineering, School of
Engineering, Tokyo Institute of
Technology, Tokyo 152-8550,
Japan

Message from the Collection Editors

Dear Colleagues,

Spectroscopy aims at recovering the spectral signature of light at a scene point, within a given spectral range and a given spectral resolution. Recent advances in the field could potentially lead to the massification of SSI, and a better implication of SSI in applications, such as for computer vision, computer graphics, or remote sensing.

This Special Issue focuses on these topics, so the different issues, achievements, and progress from different disciplines are available from one single issue.

Keywords:

spectroscopy; spectral imaging; multispectral imaging; hyperspectral imaging; spectropolarimetric imaging

Potential topics include but are not limited to:

- Technology: optical design, camera design, acquisition setup, etc.
- Computational algorithm: imaging model, data processing, noise reduction, calibration, image enhancement, demosaicing, super-resolution, high dynamic range, etc.
- Applications in computer vision: medical imaging, automotive, cultural heritage (classification, text analysis), etc.





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Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro

Dipartimento di Ingegneria
Elettrica e dell'Informazione
(Department of Electrical and
Information Engineering),
Politecnico di Bari, Via Edoardo
Orabona n. 4, 70125 Bari, Italy

Message from the Editor-in-Chief

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Sensors Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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