

Special Issue

Material Appearance and Visual Understanding

Message from the Guest Editor

Measuring, processing, understanding, and reproducing, not only the color and shape of objects, but also their appearance, have emerged as a recent topic of interest in the field of image engineering. For example, developing appropriate methods to measure and reproduce the glossiness and transparency of objects is important for the three-dimensional printing industry. Likewise, the development of a material classification method using captured images is indispensable for the robotics and automobile operation. Furthermore, since the appearance of a material influences our behavior, value judgment, and even emotions, extensive industrial applications are expected in this field. Through these engineering studies, we expect to gain new knowledge about the visual perception of materials, objects, and scenes, and develop new methodologies for correlating visual appearance to material properties.

Guest Editor

Prof. Dr. Takahiko Horiuchi

Department of Imaging Sciences, Graduate School of Engineering, Chiba University, 1-33, Yayoi-cho, Inage-ku, Chiba 263-8522, Japan

Deadline for manuscript submissions

closed (30 November 2018)



Journal of Imaging

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 6.7
Indexed in PubMed



mdpi.com/si/15776

Journal of Imaging
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
jimaging@mdpi.com

[mdpi.com/journal/
jimaging](http://mdpi.com/journal/jimaging)





Journal of Imaging

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 6.7
Indexed in PubMed


[mdpi.com/journal/
jimaging](http://mdpi.com/journal/jimaging)

About the Journal

Message from the Editor-in-Chief

The imaging term, specific with journal, is to be considered in its broadest sense. Image processing, image understanding and computer vision are all terms related to imaging acquisition, its processing and the extraction of relevant information from the scene to obtain the underlying knowledge. All tasks related to the above items are oriented toward specific applications in a broad range of areas and topics. The *Journal of Imaging* is conceived as an efficient vehicle in the scientific community for the communication and transmission of the progress and research results in the topics covered.

Editor-in-Chief

Prof. Dr. Raimondo Schettini

Department of Informatics, Systems and Communication, University of Milano-Bicocca, viale Sarca, 336, 20126 Milano, Italy

Author Benefits

Open Access

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, ESCI (Web of Science), PubMed, PMC, dblp, Inspec, Ei Compendex, and other databases.

Journal Rank:

JCR - Q2 (Imaging Science and Photographic Technology)
/ CiteScore - Q1 (Radiology, Nuclear Medicine and Imaging)

