Advances in Perceptual Quality Assessment of User Generated Contents

Guest Editors:

Prof. Dr. Guangtao Zhai
zhaiguangtao@sjtu.edu.cn

Dr. Xiongkuo Min
minxiongkuo@sjtu.edu.cn

Dr. Menghan Hu
mhhu@ce.ecnu.edu.cn

Dr. Wei Zhou
wei.zhou@uwaterloo.ca

Deadline for manuscript submissions:
15 August 2023

Message from the Guest Editors

User-generated content is generally captured in the wild by ordinary people using diverse capture devices, and may suffer from complex real-world distortions, such as overexposure, underexposure, camera shakiness, etc., which also pose challenges for quality assessment. On one hand, an effective quality assessment (QA) model to evaluate the perceptual quality of user-generated contents can help the service provider recommend high-quality contents to users, and on the other hand can guide the development of more effective content processing algorithms.

Our Special Issue seeks original submissions and the latest technologies concerning the perceptual quality assessment of user-generated content, including—but not limited to—image/video/audio quality assessment databases/metrics for user-generated content, perceptual processing, compression, enhancement, and distribution of user-generated contents. Submissions pertaining to related practical applications and model development for user-generated content are also welcome.

Topics: user-generated content; perceptual quality; image/video/audio quality assessment; user-generated content based on a sensing system

mdpi.com/si/106742

SpecialIssue

Editor-in-Chief

Prof. Dr. Vittorio 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

Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. *Sensors* organizes Special Issues devoted to specific sensing areas and applications each year.

Author Benefits

Open Access :— free for readers, with article processing charges (APC) paid by authors or their institutions.
High Visibility: indexed within Scopus, SCIE (Web of Science), PubMed, MEDLINE, PMC, Embase, Ei Compendex, Inspec, Astrophysics Data System, and other databases.
Journal Rank: JCR - Q2 (*Instruments & Instrumentation*) / CiteScore - Q1 (*Instrumentation*)

Contact Us