

## Special Issue

# The Roles of the Collaborative eXtended Reality in the New Social Era

### Message from the Guest Editors

This Special Issue aims to communicate and disseminate recent tools, methodologies, and pipelines related to the collaborative and/or authoring XR-based platforms. The goal is to show how XR can radically transform social interaction in any context. We specifically welcome papers containing original and mature research on XR applications based on collaboration and content authoring. A particular focus is given to everything concerning XR-based spatial computing technologies and their applicability in the most varied social contexts (e.g. work, entertainment, leisure, education, etc.). The topics of interest include:

- XR-based collaborative architectures
- Collaborative authoring tools
- New models to evaluate the impact of the XR
- Human-Computer interaction techniques to interact in collaborative environments
- Spatial computing technologies for shared creation scenes
- Emerging Technologies and Applications for collaborative XR-based environments
- Proof-of-Concept in collaborative environments: Experimental prototyping and testbeds

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### Guest Editors

Dr. Nicola Capece

Prof. Dr. Ugo Erra

Prof. Dr. Lucio Tommaso De Paolis

Dr. Giuseppe Caggianese

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### Deadline for manuscript submissions

closed (31 January 2023)



## Journal of Imaging

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Impact Factor 3.3  
CiteScore 6.7  
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## 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.

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### Editor-in-Chief

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