

# Special Issue

## Procedural Modeling

### Message from the Guest Editors

With an increase in size due to the ever-growing demand for high-quality content, the amount of multimedia data has become challenging to author, store, or simulate. Procedural methods address this problem by automating the process of digital content, allowing for generating data through real-time or offline algorithms rather than storing it. Often based only on a few parameters, they synthesize images, models, terrains, and textures. This Special Issue of the *Journal of Imaging* addresses procedural modeling in a broad scope: it encompasses methods for procedural generation (function-based modeling, simulation, deep learning, fractals, phenomenological modeling) as well as related topics, such as control in procedural generation, acceleration techniques, or the inverse procedural problem. Applications range from modeling virtual worlds to synthesizing the appearance of materials, animating fluids or clouds, or simulating ecosystems.

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### Guest Editors

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### Deadline for manuscript submissions

closed (30 September 2021)



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## Journal of Imaging

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Impact Factor 3.3  
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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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