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Can Zhao · David Svoboda ·
Jelmer M. Wolterink · Maria Escobar (Eds.)

Simulation and Synthesis in Medical Imaging

7th International Workshop, SASHIMI 2022
Held in Conjunction with MICCAI 2022
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Proceedings

Editors

Can Zhao 
NVIDIA
Santa Clara, CA, USA

David Svoboda 
Masaryk University
Brno, Czech Republic

Jelmer M. Wolterink 
University of Twente
Enschede, The Netherlands

Maria Escobar
Universidad de Los Andes
Bogotá, Colombia

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Preface

The 7th SASHIMI workshop was successfully held in conjunction with the virtual 25th International Conference on Medical Image Computing and Computer Assisted Intervention (MICCAI 2022) as a satellite event via Singapore in September, 2022.

A total of 22 submissions were received after a call for papers. Each of the 22 submissions received underwent a triple-blind review by members of the Program Committee (PC), consisting of researchers actively contributing in the area. On average, each PC reviewer read four papers, and each paper was reviewed by at least three reviewers. At the conclusion of the review process, 15 papers were accepted.

The contributions span the following broad categories in alignment with the initial call for papers methods based on generative models or adversarial learning for MRI/CT/OCT/ microscopy image synthesis, evaluation of synthetic models, and several applications of image synthesis and simulation including data augmentation, image enhancement, anomaly detection, federated learning, or segmentation.

September 2022

Can Zhao
David Svoboda
Jelmer Wolterink
Maria Escobar

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