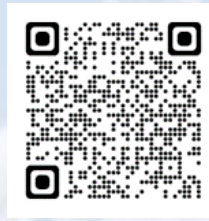


# Welcome to SMI 2024

SHAPE MODELING INTERNATIONAL 2024

Detroit, Michigan, USA, July 12-14, 2024

Website: <https://smiconf.github.io/2024/>



## CALL FOR PAPERS

### List of topics (not restrictive)

Curves and surfaces	Shape transformation and deformation
Implicit surfaces	Behaviour and animation models
Triangle and polygonal meshes	Computational topology
Parametric and procedural models	Learning techniques for shape modeling
Acquisition and reconstruction	Geometric deep learning
Compression and streaming	Digital fabrication and 3D printing
Healing and resampling	Simulation
Segmentation	3D Digital Twins
Medial and skeletal representations	Interactive modeling, design and editing
Correspondence and registration	Sketching and 3D input modalities
Feature extraction and classification	AR/VR environments
Shape analysis and synthesis	Semantics of shapes
3D retrieval	Shape modeling applications (product design, biomedicine, GIS, geoscience, art, education and training, cultural heritage, gaming, and others)
Shape statistics	
Exploration of shape collections	

### Paper Submission

Papers should present previously unpublished, original results that are not simultaneously submitted elsewhere. The SMI conference will use a double-blind review process. Consequently, all submissions must be anonymous. All papers should be submitted using the EasyChair website. Submissions should be formatted according to the style guidelines for the Computers & Graphics Journal and should not exceed 12 pages, including figures and references. We strongly recommend using the LaTeX template to format your paper. We also accept papers formatted by MS Word according to the style guidelines for Computers & Graphics. The file must be exported to a pdf file for the first round of submission. For format details, please refer to the Computers & Graphics Journal Guide for Authors.

### IMPORTANT DATES

<b>Abstract submission</b>	<b>March 25, 2024</b>
<b>Full paper submission</b>	<b>March 29, 2024</b>
<b>First review notification</b>	<b>May 6, 2024</b>
<b>Revised papers</b>	<b>May 20, 2024</b>
<b>Second review notification</b>	<b>June 10, 2024</b>
<b>Camera ready due</b>	<b>June 24, 2024</b>

**SMI** provides an international forum for the dissemination of new mathematical theories and computational techniques for modeling, simulating and processing digital representations of shapes and their properties to a community of researchers, developers, students, and practitioners across a wide range of fields.

Conference proceedings will be published in a Special Issue of Computer & Graphics Journal, Elsevier. Papers presenting original research are sought in all areas of shape modeling and its applications.



### Conference Committees

#### Conference Chairs

**Hui Huang**

*Shenzhen University, China*

**Raphaëlle Chaine**

*University of Lyon, France*

**Jing Hua**

*Wayne State University, USA*

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