

SMI'11

June 22 - 24, 2011

Shape Modeling International
The Interdisciplinary Center, Herzliya, Israel

Shape Modeling International (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.

SMI'11 will be held at the Interdisciplinary Center (IDC), Herzliya, Israel. Herzliya is located on the central coast of Israel and is part of the Tel Aviv District. It is the high-tech industry center of Israel, a lovely city with wonderful beaches, lively malls, excellent restaurants, and near-by some fabulous archaeological sites.

Papers presenting original research are being sought in all areas of shape and animation processing and its applications, including (but not limited to):

- ◆ Acquisition & reconstruction
- ◆ Curves and surfaces
- ◆ Features extraction & classification
- ◆ Interactive design & editing
- ◆ Implicit surfaces
- ◆ Correspondence & registration
- ◆ Sketching & 3D input
- ◆ Shape transformation & deformation
- ◆ Parametric & procedural models
- ◆ Shape matching & retrieval
- ◆ Shape analysis
- ◆ Segmentation
- ◆ Compression & streaming
- ◆ Semantics of shapes
- ◆ Healing & resampling
- ◆ Computational topology
- ◆ Volume & multidimensional modeling
- ◆ Multi-resolution techniques

All accepted submissions will be published either as full-length or short journal papers in issue 35(3) of **Computers & Graphics (Elsevier)**. All submissions will be handled via the Elsevier EES system.

Important Dates

December 10, 2010 - Full papers due

January 24, 2011 - First reviews notification

February 13, 2011 - Rebuttals due

March 8, 2011 - Final acceptances notification

March 14, 2011 - Camera-ready papers due

Conference Chairs

Ariel Shamir (IDC)

Ayellet Tal (Technion)

Program Chairs

Niloy Mitra (IIT Delhi)

Olga Sorkine (NYU)

Program Committee

*Pierre Alliez
Nina Amenta
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*Shi-Min Hu
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Leif Kobbelt
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Jane Tournois
Amitabh Varshney
Luiz Velho
Remco Veltkamp
Johannes Wallner
Michael Wand
Wenping Wang
Ofir Weber
Tino Weinkauff
Martin Wicke*

*Michael Wimmer
Peter Wonka
Brian Wyvill
Geoff Wyvill
Yongliang Yang
Eugene Zhang
Richard (Hao) Zhang
Kun Zhou
Afra Zomorodian
Denis Zorin*

<http://www1.idc.ac.il/smi2011/>

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