

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
Oscar Kin-Chung Au
Hujun Bao
Gill Barequet
Alexander Belyaev
Mirela Ben-Chen
Miklós Bergou
Silvia Biasotti
Volker Blanz
Mario Botsch
Tamy Boubekeur
Alex Bronstein
Marie-Paule Cani
Raphaëlle Chaine
Frédéric Chazal*

*James Hung Kuo Chu
Daniel Cohen-Or
David Cohen-Steiner
Leila De Floriani
Tamal Dey
Bianca Falcidieno
Hongbo Fu
Philip Fu
Eric Galin
Eitan Grinspun
Markus Hadwiger
David Harmon
John Hart
Ying He
Kai Hormann
Alexander Hornung*

*Shi-Min Hu
Takeo Igarashi
Joaquim Jorge
Tao Ju
Bert Jüttler
Takashi Kanai
Zachi Karni
Michael Kazhdan
Martin Kilian
Young Kim
Siome Klein
Goldenstein
Leif Kobbelt
Toshiyasu L. Kunii
Seungyong Lee
Tony Lee*

*Bruno Lévy
Thomas Lewiner
Yaron Lipman
Ligang Liu
Takashi Maekawa
Dinesh Manocha
Ralph Martin
Facundo Memoli
Yutaka Ohtake
Steve Oudot
Alexander Pasko
Giuseppe Patané
Sylvain Petitjean
Nico Pietroni
Hong Qin
Ewald Quak*

*Karthik Ramani
Ari Rappoport
Jarek Rossignac
Pedro Sander
Dietmar Saupe
Vladimir Savchenko
Scott Schaefer
Hans-Peter Seidel
Andrei Sharf
Alla Sheffer
Claudio Silva
Karan Singh
Jack Snoeyink
Michela Spagnuolo*

*Gabriel Taubin
Daniel Thalmann
Nadia Thalmann
Yiying Tong
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/>

For more information please email smi.qs.2011@gmail.com

