



## The AIM@SHAPE Project

AIM@SHAPE is a Network of Excellence, funded by the European Commission under the 6th Framework Programme, that integrates research of 14 institutions aiming at representing and processing knowledge related to digital shapes. By shape it is meant any object having a visual appearance which exists in some 2D, 3D or higher-dimensional space (e.g. pictures, sketches, 3D objects, animations). The core objective of AIM@SHAPE is to advance research in the direction of semantic-based shape representations and semantic-oriented tools to process shapes with their associated knowledge. This goal will be achieved by growing a new multi-disciplinary research field, which deeply integrates Computer Graphics and Vision with Knowledge Technologies



Matsushima is known as one of the three best scenic spots in Japan. The conference venue is [Hotel Taikanso](#), the best hotel in the Matsushima area. The following sites provide us with the basic information of the place:

<http://www.japan-guide.com/e/e5100.html>  
<http://www.town.matsushima.miyagi.jp/english/index.htm>



# 1st Int. Workshop on Shapes and Semantics

**Matsushima, Japan**  
**June, 17th 2006**



***bridging knowledge technologies and  
shape modelling***

Sponsored by



This workshop aims at providing a forum for the dissemination of new and emerging fields engaged in the integration of Multidimensional Media with Knowledge and Content processing technologies. Focus of this first event will be on the dissemination of the most relevant results of projects funded by the European Commission and targeted at bridging the gap between semantics and digital media systems. The workshop offers an opportunity to projects, institutions and individuals to present ongoing research to industrial representatives and development engineers who could exploit the technology emerging from the projects.

The workshop is organized in two plenary tracks of presentations, the first aimed at presenting scientific and technological results of the AIM@SHAPE project, and the second aimed at providing an overview of the relevant projects, research results, open issues and emerging challenges in this research area. The workshop will also include key-notes and/or industrial panels.

The event is supported by the EU IST project AIM@SHAPE and will be held at the Taikan-So Hotel in the wonderful area of Matsushima, Japan.

### Conference Organization

**Workshop Chairs:** Bianca Falcidieno, IMATI-CNR, Italy  
Daniel Thalmann, EPFL, Switzerland  
Issei Fujishiro, Tohoku University, Japan

#### Senior Advisory Committee (*tentative*):

Frederic Vexo, Michela Spagnuolo, Alexander Belyaev, Gino Brunetti, Manolis Vavalis, Catherine Houstis, Ewald Quak, Remco Veltkamp, Ayellet Tal, Ronen Basri, Jean-Claude Leon, Bernard Mourrain, Tor Dokken, Laurent Moccozet, Nadia Magnenat-Thalmann

#### Workshop Committee (*tentative*)

Laura Papaleo, Alejandra Garcia-Rojas, George Vasilakis, Marios Pitikakis, Chiara Catalano, Riccardo Albertoni, Francesco Robbiano, Simone Marini, Neyir Sevilimis, Samir Hammann, Waqar Saleem



## Workshop programme

### Key-notes lectures

- Masa Inakage, *Keio University*
- Masayuki Nakajima, *Toyo Institute of Technology*
- P. V. Hareesh, *Matsushita Electric Works, Ltd*

### The AIM@SHAPE project

- Project Overview
- The Digital Shape Workbench
- Digital Shapes and Ontologies

### Call for Papers

Prospective contributors are invited to submit extended abstracts (max 4 A4 pages) by email at the address [shapesem@ge.imati.cnr.it](mailto:shapesem@ge.imati.cnr.it).

Topics include, but are not limited to:

- Shape perception, classification and annotation
- Shape semantics and ontologies
- Shape matching and retrieval
- Knowledge driven multimedia content analysis and understanding
- Intelligent media creation and processing tools
- Knowledge based inference for semantic media annotation

The contributions will be reviewed by the scientific committee and the accepted ones will be presented during the Workshop and they will be invited as full papers for a special issue of an international journal after the Workshop.

### Important Dates

15 April 2006	Submission of extended abstracts
13 May 2006	Notification of acceptance
31 May 2006	Camera-ready contributions

**further details will be posted at**  
<http://www.aimatshape.net/event/shapes-and-semantics>