

# The 25<sup>th</sup> International Conference on Computer Animation and Social Agents

Singapore, May 9-11, 2012



## CALL FOR PAPERS

The Institute for Media Innovation (IMI), Nanyang Technological University (NTU) and the Computer Graphics Society (CGS) are pleased to announce the 25<sup>th</sup> Annual Conference on Computer Animation and Social Agents (CASA 2012) to be held on May 9-11, 2012 at the Nanyang Executive Centre (NEC) on the campus of Nanyang Technological University in Singapore.

CASA is the oldest international conference in computer animation and social agents. It was founded in Geneva in 1988 under the name of Computer Animation (CA). In the past six years, CASA was held in Switzerland (2006), Belgium (2007), Korea (2008), Netherlands (2009), France (2010) and China (2011).

**All accepted full papers will be published in a special issue of Computer Animation and Virtual Worlds journal published by Wiley.**

Workshops on **3D PHYSIOLOGICAL HUMAN, AUTONOMOUS SOCIAL ROBOTS AND VIRTUAL HUMANS** and **SERIOUS GAMES AND SIMULATION** will also be held during the CASA 2012 conference. Selected papers in workshops are scheduled as books and special issues.

CASA 2012 will provide a great opportunity to interact with leading experts, share your own work, and educate yourself through exposure to the research of your peers from around the world. We seek original research full papers and short papers covering topics including, but not limited to:

**Computer Animation:** Motion Control, Motion Capture and Retargeting, Path Planning, Physics-Based Animation, Vision based Techniques, Behavioral Animation, Artificial Life, Deformation, Facial Animation, Image-Based Animation, Multi-Resolution and Multi-Scale Models, Knowledge-based Animation, etc.

**Social Agents:** Social Agents and Avatars, Emotion and Personality, Virtual Humans, Autonomous Actors, AI-Based Animation, Social and Conversational Agents, Inter-Agent Communication, Social Behavior, Crowd Simulation, Understanding Human Activity, Memory and Long-term Interaction, etc.

**Other Related Topics:** Animation Compression and Transmission, Semantics and Ontologies for Virtual Humans/Environments, Animation Analysis and Structuring, Anthropometric Virtual Human Models, Acquisition and Reconstruction of Animation Data, Level of Details, Semantic Representation of Motion and Animation, Cultural Heritage, Interaction for Virtual Humans, 3D Physiological Humans, 3D Telepresence, Augmented Reality and Virtual Reality, etc.

## IMPORTANT DATES

<b>Conference Dates</b>	<b>May 9-11, 2012</b>
<b>Full Papers</b>  All accepted full papers will appear in the journal CAVW	Submission : <b>January 25, 2012</b>
	Notification of acceptance : <b>February 29, 2012</b>
	Camera ready : <b>March 15, 2012</b>
<b>Short Papers (4 pages) and Workshop Papers</b>  All short accepted papers will be selected for possible further submission to the journal CAVW	Submission : <b>March 20, 2012</b>
	Notification of acceptance : <b>April 10, 2012</b>
	Camera/CD ready : <b>April 20, 2012</b>

## ORGANIZATION

*Conference Chair:* Magnenat-Thalmann, Nadia,  
Nanyang Technological University, Singapore  
MIRALab, University of Geneva, Switzerland

*Conference Co-chairs:* Xu, Ying-Qing, Tsinghua University, China  
Kim, HyungSeok, Konkuk University, Korea

*Program Chair:* Magnenat-Thalmann, Nadia,  
Nanyang Technological University, Singapore  
MIRALab, University of Geneva, Switzerland

*Local Organizing Chairs:* Cai, Yiyu, Nanyang Technological University, Singapore  
Zhang, Jing, Nanyang Technological University, Singapore

*Workshop Chair:* Thalmann, Daniel, Nanyang Technological University, Singapore

## SUBMISSION

### Paper Submission Format

Full and short paper submissions should be formatted as single-spaced, double column A4 paper size, according to the following templates available for download: LaTeX template [[LaTeX template](#)], or MS Word template [[MS Word template](#)]. Full paper submissions are limited to **10 pages** in length, including references and figures. Accordingly, short paper submissions are limited to **4 pages**.

For workshop paper submissions, please download the [instructions and template](#). The length of the submissions is limited to **15-20 pages**.

Papers should be submitted in the PDF file format through **EasyChair** or to [CASA2012@ntu.edu.sg](mailto:CASA2012@ntu.edu.sg). Supplementary materials (e.g., videos) should be compressed in the **ZIP file format** and email to [CASA2012@ntu.edu.sg](mailto:CASA2012@ntu.edu.sg) with the authors' information and paper id.

**Submission Link:** <https://www.easychair.org/account/signin.cgi?conf=casa2012>

## CONTACT

Email: [CASA2012@ntu.edu.sg](mailto:CASA2012@ntu.edu.sg)

Website: <http://conference.ntu.edu.sg/casa2012/Pages/home.aspx>