

GW2011: The 9th International Gesture Workshop

Gesture in Embodied Communication and Human-Computer Interaction

May 25-27, 2011, Athens, Greece

Call for Papers (*new version*)

The International Gesture Workshop is an interdisciplinary event for researchers working on gestural interaction, who want to meet and exchange their ideas and newest research. GW2011 aims to bring together researchers from computer science, engineering, and the humanities in order to connect recent theoretical discoveries about the embodied bases of human verbal and nonverbal communication with approaches taken to developing interactive systems that exploit gesture as a means of interacting with machines. The workshop will be the 9th in the [Gesture Workshop series](#) initiated in 1996.

Organising Committee

Eleni Efthimiou, *Language Based Assistive Technology Group - Sign Language Technologies Team, Institute for Language and Speech Processing (ILSP)/ATHENA RC*

Georgios Kouroupetroglou, *Department on Informatics and Telecommunications, National and Kapodistrian University of Athens*

Christian Vogler, *Language Based Assistive Technology Group - Sign Language Technologies Team, Institute for Language and Speech Processing (ILSP)/ATHENA RC*

Scope and Topics

Under the focus of gesture-based human-computer interaction, we invite submissions of original work that addresses, but is not limited to, one or more of the following aspects:

Concepts, models, architectures

- Theoretical aspects of gestural communication and interaction
- Gesture and speech, gaze, or other natural modalities
- Gesture and embodied cognition
- Gesture and sociality
- Gesture and multimodal dialogue
- Gesture expressivity
- Gesture development and learning
- Sensori-motor aspects of gesture
- Sign language processing
- Gesture recognition and analysis
- Gesture production and synthesis
- Fusion and fission of gesture with other modalities
- Systematic and idiosyncratic aspects of gesture

Applications

- User issues, usability studies, application paradigms
- Vision-based gesture recognition
- Gesture in virtual and augmented reality
- Gesture in embodied conversational agents
- Gesture in mobile computing
- Gesture in tangible and haptic interfaces
- Gesture for gaming and entertainment
- Gesture for audio-visual applications
- Gesture for therapy and rehabilitation
- Gesture for music and performing arts
- Gesture for education

Submission Procedure and Publication

Authors are encouraged to submit original scientific contributions to GW2011 in the form of extended abstracts of at least two pages (including all possible figures and references). The maximum length of the extended abstracts is 4 pages.

Format of the extended abstracts:

Use the templates provided by Springer ([MS-Word](#) or [LaTeX](#).)

Detailed instructions can be found in [typeinst.pdf](#)

Further information is provided by Springer's [Information for LNCS Authors](#).

Submitted abstracts must be in English and should, to the extent possible, use language that will be understood across disciplines i.e. avoids unnecessary jargon.

Upon review of the extended abstracts and acceptance by the GW2011 Program Committee, authors will be asked to present their work either orally, as a poster, or in form of a technical demonstration (where applicable).

All accepted contributions will be distributed as an electronic "Book of Abstracts" to the participants of the GW2011.

Submissions should be sent electronically in PDF to the following e-mail address: gw2011@ilsp.gr

In line with the practice of previous International Gesture Workshops, authors of accepted contributions will be invited after the workshop to submit a revised extended paper for publication in a subsequent high-quality peer-reviewed volume, typically published by Springer-Verlag series of Volumes on Lecture Notes in Artificial Intelligence (see [list of previous proceedings](#)).

Important Dates

Submission of extended abstracts: **January 15, 2011**

Notification of acceptance/rejection: February 28, 2011

Submission of revised extended abstracts: April 10, 2011

Workshop: May 25-27, 2011

About the Venue

GW2011 will be held in Athens, Greece. The event will be hosted at the [National and Kapodistrian University of Athens](#), in one of the oldest university buildings of Athens at the heart of the city, close to all sites of interest (ancient Greek and Roman city parts, Byzantine monuments, museums, cultural centres or just shopping districts (<http://www.breathtakingathens.com/>).

Athens is connected to the world via Eleftherios Venizelos International Airport (<http://www.aia.gr/>).

Co-organised by

- ILSP – Institute for Language and Speech Processing /ATHENA RC
- National and Kapodistrian University of Athens

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More Information

<http://access.uoa.gr/gw2011>