GESTURE WORKSHOP 2003
The 5th International Workshop on Gesture and Sign Language based Human-Computer Interaction

15th – 17th April 2003

InfoMus Lab, DIST - University of Genova (http://infomus.dist.unige.it)
and
Teatro dell'Opera Carlo Felice
Genova, Italy

CALL FOR SUBMISSIONS

The International Gesture Workshop is a forum where researchers working on gesture-based interfaces and gestural interaction present and exchange ideas and research currently in progress, with a cross-disciplinary focus. This workshop encompasses all aspects of gestural interaction.

In addition to welcoming submission of work by established researchers, it is the tradition of the GW series of workshops to encourage submission of student work at various stages of completion. Submissions include papers, posters, demonstrations.

GW2003 is the 5th workshop since the 1996 gesture workshop in York (UK) considered as the starting event. Since then, International Gesture Workshops have been held roughly every second year, with fully reviewed post-proceedings typically published by Springer-Verlag.

Further information can be found on the GW2003 web page (http://infomus.dist.unige.it/GW2003) and on the Gesture Workshops web page (www.TechFak.Uni-Bielefeld.DE/ags/wbski/GW/).

GW2003, organized by the Laboratorio di Informatica Musicale (InfoMus) at DIST - University of Genova, will be held at Auditorium "E.Montale" at the Opera House of Genova Teatro Carlo Felice.

The workshop will consist of three full days of sessions presenting research papers, posters, and demonstrations. Sessions and/or presentations from EU-IST Projects are also encouraged. Special events (e.g., concert, multimedia event / demo / performance) are also planned.

SCOPE AND TOPICS
Under the focus of human-computer communication, the workshop will encompass all aspects of gestural interaction, <u>including but not restricted</u> to the following:

Nature of Gesture, Foundational issues: what are gestures?
- Gestural communication
- Gesture perception and production
- Expressive Gesture
- Cross-fertilisation of humanistic, artistic, and scientific theories on gesture
- Analysis, Segmentation, and Synthesis of Gesture

Multimodality
- Fusion of gestures and modalities: architectures, representations
- Temporal relations between gestures in different modalities
- Musical gesture and gesture in musical performance
- Co-verbal gestures

Applications
- User issues, usability studies, application paradigms
- Multisensory Interfaces
- Interactive Multimedia Systems
- New media
- Therapy and Rehabilitation
- Systems for Sign Language processing

- Music and performing arts
- Education

WORKSHOP CHAIRS
Antonio Camurri, InfoMus Lab - DIST - University of Genova, Italy
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INTERNATIONAL SCIENTIFIC COMMITTEE
Daniel Arfib, CNRS-LMA, Marseille, France
Nicola Bernardini, Centro Tempo Reale, Firenze, Italy
Annelies Braffort, LIMSI-CNRS, Université de Paris Sud, France
Giovanni De Poli, CSC - DEI - University of Padova, Italy
Sylvie Gibet, Laboratoire VALORIA, Université de Bretagne Sud, Vannes, France
Marianne Gullberg, Max-Planck Institute of Psycholinguistics, Nijmegen, The Netherlands
Richard Kennaway, University of East Anglia, Norwich, United Kingdom
Marc Leman, IPEM - Ghent University, Belgium
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Timo Sowa, University of Bielefeld, Germany
Johan Sundberg, KTH, Stockholm, Sweden
Daniel Thalman, EPFL, Lausanne, Switzerland
Leon van Noorden, European Commission, DG Information Society
Marcelo Wanderley, Faculty of Music - McGill University, Montreal, Canada

LOCAL ORGANISING COMMITTEE
Roberto Chiarvetto
Paolo Coletta
Roberto Dillon
Barbara Mazzarino
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INVITED SPEAKERS
Prof. Shuji Hashimoto, Dept. of Applied Physics, Waseda University, Tokio, Japan
Prof. Frank E. Pollick, Dept. of Psychology, Glasgow University, Glasgow, UK

SUBMISSION PROCEDURE
Submissions can be in the form of papers, posters or demonstrations. The language should be English, the language of the workshop. As the conference is multidisciplinary, where possible, language should be used that will be understood across disciplines, i.e., reduce the use of jargon to a minimum.
Submissions should be sent electronically in **PDF, MS word (DOC), or RTF format** to the following e-mail address: gw2003@infomus.dist.unige.it

Papers
Research papers present new and original contributions to the field. In the tradition of the GW series of workshops, submission of student work at various stages of completion is also encouraged.
Length: up to 12 pages.

Posters
Posters will provide the opportunity to interact and discuss with workshop participants. Posters will be displayed along the three days of the workshop.
Length: up to 2 pages.

Demonstrations

Demonstrations of working prototypes of new hardware\software systems for gestural human-computer interaction will be planned during the workshop.

Demonstrations should be submitted as a 2-page description, including any required technical support (e.g., power, lighting, space).

DEADLINES

Submission of papers:	**January 20th 2003**
Submission of posters and demonstrations:	**January 20th 2003**
Notification of acceptance/rejection:	**February 17th 2003**

PUBLICATION

In line with the practice of previous gesture workshops, accepted participants will be invited to submit their papers for publication in a subsequent high-quality peer-reviewed publication. In previous years, these post-proceedings have been published by Springer.

WORKSHOP LOCATION

Auditorium "E. Montale"
Teatro dell'Opera di Genova Carlo Felice
Galleria Siri, Genova

REGISTRATION

Full Registration: 250 euro
Student Registration: 50 euro
Support for 10 free student registrations is available (send request to gw2003@infomus.dist.unige.it).
Registration fee will be paid directly in cash at the registration desk upon arrival.

ACCOMODATION

A list of Hotels and Bed&Breakfasts is available on the Workshop web page
http://infomus.dist.unige.it/GW2003

FURTHER INFORMATION AND CONTACT

For any further information/question/comment/suggestion, please visit the GW2003 website at:
http://infomus.dist.unige.it/GW2003/
or send a message to the local organizing committee at gw2003@infomus.dist.unige.it

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