



DIST - University of Genova
InfoMus Lab - Laboratorio di Informatica Musicale
<http://www.infomus.dist.unige.it>

The EyesWeb Week

InfoMus Lab – DIST – University of Genova
Casa Paganini

Piazza Santa Maria in Passione 34, 16123 Genova, Italy

6 – 11 February 2006

The EyesWeb Week is a tutorial aiming at sharing with participants the InfoMus Lab's experience in scientific and technological developments as well as in artistic production matured around the EyesWeb project. The EyesWeb project focuses on different aspects of non-verbal multimodal communication, including human full-body movement and musical gesture, and aims at understanding the affective, expressive content gesture conveys. The project is centred on an open hardware and software platform, EyesWeb 4, for developing real-time multimedia applications characterised by multimodal interaction. Research and development in the EyesWeb project are partially supported by several EU-IST and national projects.

This one-week tutorial aims at providing scientists, technicians, and artists with the opportunity to master and explore in detail the EyesWeb project and open platform. Lectures and experiments are structured in different tracks: a track is specifically designed for dancers, choreographers, musicians, and content creators. A parallel track concerns the internals and core architecture of the new EyesWeb 4 platform and related libraries for multimodal analysis, and it is focused for computer engineers and professionals. Participants will be introduced to the different aspects of the EyesWeb project – from design to implementation of experience-centric mediated interactive systems to software and system engineering issues.

Previous artistic works participated and co-designed by InfoMus Lab (see home page www.infomus.dist.unige.it – links “events and activities”) will be analysed and experienced with sample concrete implementations in EyesWeb. Sample hands-on and installations will be faced, also according to participants' skills and demands.

Presentation of projects. Participants are encouraged to present and discuss their own EyesWeb projects at the EyesWeb Week. Participants interested in project presentations should submit a one-page abstract of their projects on or before January 16th, 2006. For further information on the submission procedure see www.infomus.dist.unige.it/EywWeek2006.

Venue. The EyesWeb Week will be held at Casa Paganini (see our home page at www.infomus.dist.unige.it). Casa Paganini is located in the ancient complex of the ex-monastery of Santa Maria delle Grazie, in the heart of the historical centre of Genova. The 230-seats auditorium is a fascinating space of the 14th century, covered by a vault completely decorated with frescos of the 16th century by Bernardo Castello e Giovanni Carlone. Casa Paganini also includes several museum rooms and the new site of DIST-InfoMus Lab with motion tracking and multimedia setups. Since 2005 DIST-InfoMus Lab is present at Casa Paganini with an international project on music, science, and technology including scientific seminars, schools, conferences, and preparation of multimedia technologies and interfaces for artistic productions and museum exhibits.

Registration. Participants are asked to register by filling the registration form available at the InfoMus website (see www.infomus.dist.unige.it/EywWeek2006). Participants are invited to highlight their interests and the reasons for their participation. Registration fees are the following:

Track on EyesWeb programming (SDK, etc.):	130 Euro
Track on artistic developments in EyesWeb:	60 Euro

Lecturers and educational staff. The main core sw engineers and researchers at InfoMus Lab will do the seminars and the experimental work, with the help of artists and scientists who have cooperated with the Lab in the last years (in particular the choreographer Giovanni Di Cicco).

International Committee: Antonio Camurri, Corrado Canepa, Paolo Coletta, Mirko Demurtas, Alberto Massari, Barbara Mazzarino, Massimiliano Peri, Andrea Ricci, Roberto Sagoleo, Gualtiero Volpe - InfoMus Lab; Philippe Baudelot, Monaco Dance Forum, Montecarlo; Nicola Bernardini, Media Innovation Unit - Firenze Tecnologia, Firenze; Frederic Bevilacqua, IRCAM, Paris; Scott deLahunta, Writing Research Associates, Amsterdam; Giovanni Di Cicco, Compagnia Arbalete, Genova; Bodo Lensch, Animax Multimedia Theatre, Bonn; Alvisè Vidolin, Conservatorio di Venezia and CSC-Università di Padova.

Organisation: Roberta Fraguaglia, Donald Glowinski, InfoMus Lab.

With the partial support of the EU-IST Project TAI-CHI (Tangible Acoustic Interfaces for Computer-Human Interaction), of the EU-IST NoE ENACTIVE (Enactive Interfaces), of the EU-NMP NoE I*PROMS (Innovative Production Machines and Systems), and of the EU-IST Coordinated Action S2S² (Sound to Sense – Sense to Sound)

