PhD and PostDoc positions in Automated Movement Analysis

University of Genoa, DIBRIS, Casa Paganini – InfoMus Research Centre
(www.casapaganini.org)

Fully funded PhD and PostDoc positions on
research in computational models and systems for the automated detection, measurement, and prediction of full-body movement qualities at individual as well as group level across different time scales, and on interactive sonification of human movement qualities are available at University of Genoa, DIBRIS, Casa Paganini - InfoMus Research Centre (www.casapaganini.org).

You are invited to express your interest in participating in a selection process for covering such positions.

The accepted candidates will develop a research plan in the framework of the 4-year (2019-2022) **Horizon 2020 European Project FET Proactive EnTimeMent**
(see https://entimement.dibris.unige.it).

Requirements
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We are looking for candidates strongly motivated in engaging in a research project on non-verbal full-body multimodal interfaces and affective computing. Candidates should ideally have the following profile:
+ Master's degree in Computer Science, Computer Engineering or related disciplines, with background in Human Computer Interaction, Machine Learning, and Affective Computing;

+ Excellent programming skills (Python, Java, C/C++), knowledge of ML (e.g. Keras/TensorFlow) would be ideal;
+ Ability to work independently, self-motivation, and ability to actively contribute as a member of a research team;
+ Excellent communication skills in English;

Applying
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To apply, please email your application to:
    antonio.camurri@unige.it   and   gualtiero.volpe@unige.it

The application should consist of a single pdf file including:
+ a curriculum vitae showing academic records with tracks related to the themes of the thesis
+ transcript of marks according to M1-M2 profile or last 3 years of engineering school
+ statement letter expressing your interest in the position and your profile relevance
+ contact and recommendation letter of at least two university referents.

Candidates will be invited for a Skype interview with the supervisors. Candidates may also be invited to a possible 2-month research visit during spring 2019.
Candidates whose expression of interest will be positively evaluated will be invited to submit their application to a formal PhD or PostDoc selection process. The envisioned starting date for the first selected candidates is November 2019 (PostDoc starting date is negotiable).

Conditions of employment
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Hired on a fixed-term contract at University of Genoa, working full-time at the Casa Paganini - InfoMus Research Centre of DIBRIS, University of Genoa.
Duration: 3-year for PhD students; PostDoc 2-year contract which can be extended for other 2 years.

Further Information
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For any question or further details please send email to:
   antonio.camurri@unige.it   and   gualtiero.volpe@unige.it

The Casa Paganini - InfoMus Research Centre at DIBRIS,
Polytechnic School, University of Genoa, Italy
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Casa Paganini – InfoMus cultivates the intersection of scientific research in ICT with artistic and humanistic research in new media. The mission of Casa Paganini – InfoMus consists of carrying out scientific and technological research on human-centered computing where art and humanistic culture are a fundamental source of inspiration. The research team includes computer engineers and experts from the human sciences and the arts.

Scientific and technological research includes: investigation and development of computational models of non-verbal multimodal expressive and social behavior; sound and music computing; interactive sonification; multimodal interactive systems and serious games for rehabilitation, entertainment, sport, edutainment, museums and cultural institutions; multimedia systems and services for the creative industry (ICT for active music listening, interactive dance, theatre, cultural heritage), user-centric media and mobile systems.

The Casa Paganini – InfoMus Research Centre coordinates and participates as partner in many international projects on scientific and technological research, education, and develops multimedia systems, platforms, and applications for industry partners.

www.casapaganini.org

youtube.com/user/InfoMusLab

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