

Apologies for multiple postings

We are looking for a top **HCI expert** interested either in a position as interaction designer or in pursuing a **PhD** as part of the LiveMemories project (<http://livememories.fbk.eu/>).

The work will be developed under the direct supervision of Fausto Giunchiglia (<http://www.disi.unitn.it/~fausto/>), as part of the Knowdive Group (<http://dit.unitn.it/~knowdive/>), a large, multicultural and multidisciplinary group, which is part of the Department of Computer Science and Information Engineering (<http://disi.unitn.it/welcome>), University of Trento (<http://portale.unitn.it/ateneo/>).

Key words describing the research area of interest are: Information visualization, Prototyping, Interaction Design, Mash-ups, Social networks, Cognitive Psychology.

Skills and knowledge relevant to the project are (E: Essential, D: Desirable):

- Knowledge of the principles of the design and development of user interfaces (e.g. GOM, UCD) and knowledge of related HCI issues (E);
- Knowledge of languages and methodologies used for the development of rich dynamic web applications (e.g., HTML, JavaScript, XML, CSS, AJAX, mash-ups) (E);
- Knowledge about prototyping tools for low-fidelity and high-fidelity prototypes.(D)
- Knowledge about Experience in GUI libraries for Microsoft Windows or other operating systems (e.g. GDI, Qt MFC) (D).
- Understanding of the modeling primitives of the most popular social networks (e.g., Facebook, Myspace, Flickr) in an important asset (D);

Knowledge of Italian is not needed.

The ideal candidate holds a Masters or a four year bachelor degree with top performance in fields related to the areas mentioned above. (S)he should be proactive, self-motivated, able to work independently and in a team.

The **main activities** of the successful candidate will be:

- Design and implement modalities and interactions for accessing, managing and sharing data, metadata and ontologies in a multimedia environment;
- Design and implement modalities for enabling the use of social intelligence, including visualization, access and management of communities;
- Design and implement modalities for organisational intelligence;
- Design and implement API, a Mash-up language for metadata, data and community integration, including temporal and spatial data;
- valuation of the implemented prototype in real world conditions.

Salary: according to experience.

How to Apply: send your CV, grades, plus the names of two referees by December 15th to: fausto@disi.unitn.it.

About us: The Department of Information Engineering and Computer Science of the University of Trento is a leading and fast-growing research institution, characterized by a young and international faculty and a large, international student population.

About Trento: Trento (<http://www.ap.trento.it/>) is a small vibrant city (around 100K people), with a beautifully preserved historic center, situated in the middle of the Dolomites, consistently ranked at the top for quality of life. Also thanks to its fortunate location, Trento offers a wide variety of cultural and sports opportunities all year around, as well as excellent food and wine.

Further information: Fausto Giunchiglia, fausto@disi.unitn.it