

ETFA2008_SS_08

Invitation to the Special Session on Interactive media with personalized networked devices at the 13th IEEE International Conference on Emerging Technologies and Factory Automation

September 15-18, 2008, Hamburg/ Germany
Conference web site: <http://www.etfa2008.org>

There have been considerable efforts to have Audio Video systems and applications converge, in particular in home environments with homes as spaces of convergence, and for nomadic users with advanced mobile devices as points of convergence. These trends are important but also have limitations that we seek to address and overcome: home-centric systems fail to account for increased mobility and the desire to provide continuous service across spatial boundaries outside the home; device-centric convergence, e.g. in 3G phones, supports nomadic use but provides a very limited user experience as no single device and interface will fit many different applications well.

In this special session, we seek to progress beyond home and device-centric convergence toward truly user-centric convergence of multimedia. Our vision is The User as Multimedia Central: the user as the point at which services (multimedia applications) and the means for interacting with them (devices and interfaces) converge. Key to our vision is that users are provided with a personalized interface and with personalized content independently of the particular set of physical devices they have available for interaction (on the body, or in their environment), and independently of the physical space in which they are situated. Our approach to this vision is to investigate a flexible wearable platform that supports dynamic composition of wearable devices, an ad-hoc connection to devices in the environment, a continuous access to multimedia networks, as well as adaptation of content to devices and user context.

Authors' Schedule:

Authors should contact the Special Session Organizers as soon as possible
Deadline for submission: **April 30, 2008**
Notification of papers acceptance: **June 1, 2008**
Final manuscripts due: **July 1, 2008**

Submission of Papers:

Papers are to be submitted electronically. For further details please consult the conference web pages.

Session Organizers:

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