Message from the Organizers of the Workshop on Next Generation Service Platforms for Future Mobile Systems

NGSP-FMS

The enormous success of the Internet results to a large extent from the flexible and easy to use platform it provides to create innovative services and applications that quickly find acceptance and customers. In parallel to the Internet, mobile communications also has evolved to an integral component in our everyday life providing a growing variety of services. Industry is pushing new standards that allow high data rate multimedia applications as well as seamless communication across heterogeneous radio and network technologies.

New paradigms will emerge. The customer acceptance is considered to be widely increased by tailoring services and applications to actual user needs, their preferences and the context a user is in. These future systems are expected to integrate the paradigms of traditional mobile telecommunication systems with the Internet protocols and hardware/software engineering methods.

For example, for the people traveling alone, 3G cellular phones and/or WiMAX seems to be promising solution. For mass transit systems such as Shinkansen, a high-speed railway lines in Japan, however, it is still not clear how to ensure enough bandwidth for the large number of people traveling by such systems. And also, Ubiquitous services receive increased user acceptance (e.g., Peer-to-Peer). A well engineered next generation service platform should provide all capabilities to allow innovative services to be created and deployed in short time addressing user needs.

The goal of this workshop is to share experiences, insights and new ideas, and set forth research agendas and suggestive future directions by collaborations among researchers from various fields, with different disciplines and with similar interests toward Future Mobile Communication Systems.

Organizers
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