

Special Issue on Personalization of Mobile Multimedia Broadcasting

Call for Papers

In recent years, the widespread adoption of multimedia computing, the deployment of mobile and broadband networks, and the growing availability of cheap yet powerful mobile have converged to gradually increase the range and complexity of mobile multimedia content delivery services for devices such as PDAs and cell phones. Basic multimedia applications are already available for current generation devices, and more complex broadcasting services are under development or expected to be launched soon, among which mobile and interactive television (ITV). Among the many challenging issues opened by these developments is the problem of personalization of such services: adaptation of the content to the technical environment of the users (device and network type) and to their individual preferences, providing personalized assistance for selecting and locating interesting programmes among an overwhelming number of proposed services.

This special issue is intended to foster state-of-the-art research contributions to all research areas either directly applying or contributing to solving the issues related to digital multimedia broadcasting personalization. Topics of interest include (but are not limited to):

- Mobile TV
- Mobile multimedia broadcasting personalization
- Interactive broadcasting services/interactive television
- Personalization and multimedia home platform (MHP)
- Multimedia content adaptation for personalization
- User behavior and usage modelling
- Standards for modelling and processing (MPEG-21, CC/PP, etc.)
- Personalization issues in DVB-H, DMB, MediaFLO, CMMB, MBMS, and other systems
- Mobile web initiative
- Personalized multimedia and location-based services
- Security and digital rights management
- Applications for personalized mobile multimedia broadcasting with cost-effective implementation

Authors should follow the International Journal of Digital Multimedia Broadcasting manuscript format described at the journal site <http://www.hindawi.com/journals/ijdmb/>. Prospective authors should submit an electronic copy of their complete manuscript through the journal Manuscript Tracking System at <http://mts.hindawi.com/> according to the following timetable:

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