

Mobile Collaboration Systems: challenges for design, work practice, infrastructure and business

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1 Introduction

Mobile devices are expected to soon become the “primary computer” and tool for sharing and connecting with others. In our thriving world of mobile communication, technological advances have brought a number of novel and improved ways of collaboration: in business, commerce, healthcare, education, and society in general. Collaboration can help to overcome the limitations of a single user, device, and network. However, creating mobile collaborative applications and systems requires careful consideration and design.

How does mobilization influence collaboration? This question was of paramount interest to the workshop participants who shared and discussed theories, understandings, experiences, and lessons learned in the field of mobile collaboration systems.

The workshop papers focus on different levels of mobile collaboration such as application, usage and technical level; social and interface aspects as well as conceptual frameworks were also presented and discussed. Presented application areas for mobile computing are: mobile building site and maintenance management using AR technology, urban areas as an arena for mobile learning, social software, resource reservation for optimized mobile performance, and mobile decision support systems. Enjoy reading the papers!