

## **Blended synchronous learning and mobility**

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Although traditional classroom based face to face (F2F) teaching has been adopted as a mainstream teaching mode for a long time, there are various limitations of traditional classroom teaching, such as inflexibility in classroom setup and location, difficulties in resource sharing, no archiving of teaching and learning portfolios, and so on. Cyber synchronous classroom F2F teaching provides an alternative to solve these problems but it also has some limitations, such as difficulties in cultivating classroom atmosphere, less social immersion context, etc. It would therefore be logical to integrate Physical F2F and Cyber F2F into a blended learning environment to leverage their mutual benefits. With the emerging use of mobile technology in society, it is now also possible to engage learners in learning process in wide variety of scenarios. This talk will present a blended synchronous learning model and extend it to ubiquitous learning by exploiting mobile technology. Multiple media input based problem solving in authentic context and ad-hoc synchronous small group discussions will be described as examples of how mobile technology can truly enhance the blended synchronous learning. The talk will be concluded with the teaser on a mobile learning project currently in progress in northern oil fields in Alberta province of Canada."