



# Workshop

## USING AND DEVELOPING INTERACTIVE, CREATIVE, MATHEMATICS TEXTBOOKS (CBOOKS)

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The European 'MC-squared' project aims to start several so-called 'Communities of Interest' (CoI) in a number of European countries (Fischer, 2001) that work on digital, interactive, creative, mathematics textbooks, called cBooks. The cBooks are authored in the Digital Mathematics Environment in which authors can construct books with various interactive 'widgets'.

In this 120 minutes workshop you will:

- Be given a short overview of the MC-squared project and the architecture of the Digital Mathematics Environment;
- Be shown two examples of cBooks on building blocks, number and fractions, as well as a myriad of widgets that could be integrated in the cBooks;
- Learn how to make your own, simple, interactive cBook;
- Be shown how these books can be used with students by sharing the book you've made with other workshop attendees;

Fischer, G. (2001). Communities of interest: learning through the interaction of multiple knowledge systems. In the Proceedings of the 24th IRIS Conference S. Bjornestad, R. Moe, A. Morch, A. Opdahl (Eds.) (pp. 1-14). August 2001, Ulvik, Department of Information Science, Bergen, Norway.