

DEPARTMENT OF MATHEMATICS AND COMPUTER SCIENCE
UNIVERSITY OF SOUTHERN DENMARK, ODENSE

COMPUTER SCIENCE COLLOQUIUM

A New Universal Construction for Distributed Computing

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IMADA's Seminar Room

Abstract:

Universal constructions are methods for simulating any sequentially specified object in an asynchronous shared memory system with sufficiently powerful base objects, such as compare & swap. This talk will survey some existing universal constructions and present a new, more efficient one. This work is joint with Phong Chuong and Vijaya Ramachandran and will be presented at SPAA 2010.

Host: Joan Boyar