

FACULTY OF EDUCATION, UNIVERSITY OF CAMBRIDGE

MICHAELMAS TERM 2008

## CAMBRIDGE COLLOQUIA IN MATHEMATICS EDUCATION

Monday 27th October 2008, 5.00 p.m., Room 218, Mary Allan Building, Hills Road

Professor Barbara Jaworski, Loughborough University

### INQUIRY IN ACTIVITY IN DEVELOPMENTAL RESEARCH

I will talk about teachers' and didacticians' (educators') co-learning in inquiry communities in projects in Norway involving research which promotes development while charting the developmental process. A fundamental aim of the projects is to know more in practice and in theory about creating better learning environments for pupils in mathematics throughout schooling. I shall touch on elements of communities of practice and activity theory that have guided thinking and analysis as well as issues and outcomes from the projects. I shall be interested in discussing, if time allows, how theories, methods and findings relate to teaching and learning mathematics in university settings.

Monday 24th November 2008 at 5.00 p.m., Room 218, Mary Allan Building, Hills Road

Professor Kenneth Ruthven, Dr Tim Rowland and Marilena Petrou,  
University of Cambridge

### MATHEMATICAL KNOWLEDGE IN TEACHING

Over the last two years, a Nuffield-supported national seminar series on Mathematical Knowledge in Teaching has met on six occasions at four venues. Several Cambridge academics and graduate students have contributed to this series, which was convened by Kenneth Ruthven and Tim Rowland. The seminars have examined current scholarship and research bearing on how teachers' subject-related knowledge underpins successful mathematics teaching, and on how such knowledge can be assessed and developed. In this colloquium, the speakers will present snapshots of the theoretical and practical perspectives examined in the seminar series, and highlight areas where the need for further research was identified.

Tea and coffee will be available before each meeting. All are very welcome.

For directions to the Mary Allan Building and any other information, contact  
Tim Rowland at [tr202@cam.ac.uk](mailto:tr202@cam.ac.uk)