

UNIVERSITY MATHEMATICS EDUCATION

Wednesday 12 December PM

CO 119

- 14.50–15.40 **Keynote:** Derek Holton
Where Have All the Mathematicians Gone?
- 16.00–16.25 David Easdown
Teaching Proofs in Mathematics
- 16.25–17.15 **Panel Chair:** Patricia Cretchley
*Writing Effective University Mathematics Texts and Courseware:
What Works, and What's New?*

Thursday 13 December PM

CO 119

- 14.50–15.40 **Keynote:** William McCallum
Secondary Mathematics from an Advanced Standpoint
- 16.00–16.25 G. Arthur Mihram
*Three Attributes of Tertiary-level Mathematical Education to
One's Society and its Advancement of Science*
- 16.25–16.50 Bill Barton
*Revisiting Felix Klein's "Elementary Mathematics from an Ad-
vanced Standpoint"*
- 16.50–17.40 **Round Table Discussion**
*What Mathematics Studies are Essential for Secondary Level
Mathematics Teachers?*

Friday 14 December AM

CO 119

- 9.50–10.15 Matthias Kawski
Interactive Visualization in Advanced University Mathematics
- 10.15–10.40 Tim Passmore
A Flexible, Extensible Online Testing System for Mathematics
- 11.00–11.25 Patricia Cretchley
*Readiness for First-Year Mathematics Studies: Management,
Placement and Prognosis*
- 11.25–11.50 Mark Nelson
*Online Learning Resources for Engineering Students: Do they
work?*
- 11.50–12.15 Alex James
*From Lessons to Lectures: NCEA Mathematics and First Year
Performance*