Numbered list of outputs referenced in the Impact Report for the following project:

Enhancing students’ proof competencies in secondary mathematics classrooms (RES-000-22-2536-A)

Andreas J. Stylianides
University of Cambridge

PUBLICATIONS

Journal Articles:


   Note: The NRICH project republished the article at its popular open-access website having obtained permission from the Association of Teachers of Mathematics, which publishes Mathematics Teaching. The republished article at the NRICH website (http://nrich.maths.org/public/viewer.php?obj_id=6664) is accompanied with excerpts from an interview given by Andreas Stylianides to the NRICH director, Dr Jenny Piggott, about ideas in the article (http://nrich.maths.org/public/viewer.php?obj_id=6664&part=note).

Invited Article in Conference Proceedings (Plenary Lecture):


Conference Articles:


Chapters in an Edited Volume:


INVITED RESEARCH LECTURES/PRESENTATIONS

ix. (2011, April). (w/ G. J. Stylianides). Supporting progressions in students’ justification schemes: results from two design experiments in the domain of proof. Invited research seminar at the joint seminar series of the University of California at San Diego and San Diego State University, San Diego State University, San Diego, California, USA.

x. (2011, January). (w/ G. J. Stylianides). Engineering cognitive conflicts that support conceptual change: results from two design experiments in the domain of proof. Invited research seminar at the Midlands Mathematics Education Seminar Series (participating institutions: the Universities of Birmingham, Leicester, Loughborough, Nottingham, and Warwick), University of Loughborough, Loughborough, UK.


xii. (2009, July). Towards a more comprehensive “knowledge package” for teaching proof. Invited plenary lecture at the 15th Annual Congress of the Association for Mathematics Education of South Africa (AMESA), University of the Free State, Bloemfontein, South Africa.


OTHER RESEARCH PRESENTATIONS


SEMINARS/WORKSHOPS


xix. (2010, April). (w/ K. Russell). Introducing secondary school students to the notion of proof in mathematics. Workshop to about 40 researchers, teachers, teacher educators, curriculum developers, and policy makers at the 7th British Congress of Mathematics Education (BCME), University of Manchester, Manchester, UK.

xx. (2010 & 2009, February). Design experiments in educational research. Workshops to a total of about 90 MPhil students enrolled in the Core Research Training Course, University of Cambridge Faculty of Education, Cambridge, UK.