



Participants at the Linear Algebra and Matrix Theory Meeting

SECOND IRISH LINEAR ALGEBRA AND MATRIX THEORY  
MEETING  
29 AUGUST 2014, UCD

The 1st Irish Linear Algebra and Matrix Theory Meeting was held at NUI Galway in December 2012 and was organized by Rachel Quinlan and Niall Madden. Following the success of the first meeting, the hope was that the meetings will continue to bring together and stimulate Linear Algebra and Matrix Theory community.

The 2nd Irish Linear Algebra and Matrix Theory Meeting was held at University College Dublin on August 29th 2014, and was organized by Helena Šmigoc. The meeting was held in an intimate environment of Ardmore house, that allowed participants to meet and discuss during coffee and lunch breaks. Ten talks were given at this one day conference, with topics ranging from Numerical Linear Algebra to Education Issues in Linear Algebra: *Paul Barry*, Structural elements of the Riordan group of matrices, *Niall Madden*, Linear solvers for a singularly perturbed problem, *Thai Anh Nahn*, Analyses of preconditioners for problems with boundary layers, *James Mc Tigue*, Maximal nonsingular partial matrices, *Rachel Quinlan*, A proof evaluation exercise in an introductory linear algebra

course, *Anthony Cronin*, Using an online adaptive learning tool to enhance the student's learning experience of Linear Algebra, *Helena Šmigoc*, Some motivational applications of linear algebra, *Oliver Mason*, Positive in the extreme: extremal norms for positive linear inclusions, *Richard Ellard*, The Symmetric nonnegative inverse eigenvalue problem, *Thomas Laffey*, Comparing various ranks of a nonnegative matrix. Abstracts of the talks are available at the conference webpage: <http://mathsci.ucd.ie/conferences/lamt14/>.

The meeting was sponsored by the Irish Mathematical Society and Science Foundation Ireland.

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