ORTHOGONAL POLYNOMIALS & SPECIAL FUNCTIONS
LMS Research School
University of Kent, Canterbury, UK; 26–30 June 2017
Organisers: Peter Clarkson (Kent) and Ana Loureiro (Kent)

Course outline
Modern developments in theoretical and applied science depend on knowledge of the properties of various mathematical functions, from elementary trigonometric to the multitude of orthogonal polynomials and special functions. These lectures cover various aspects of orthogonal polynomials and special functions of current interest and undergoing rapid development.

The three main lecture course topics are:
• Properties of Orthogonal Polynomials, Kerstin Jordaan (University of Pretoria, South Africa)
• Discrete Painlevé Equations, Nalini Joshi (University of Sydney, Australia)
• Multiple Orthogonal Polynomials, Walter Van Assche (KU Leuven, Belgium)

These lecture courses will be supplemented by tutorial sessions.

Guest lectures
• Adri Olde Daalhuis (University of Edinburgh, UK)
• Andrei Martinez-Finkelstein (University of Almería, Spain)

Apply online; see details below. Research students, post-docs and those working in industry are invited to apply. All applicants will be contacted within three weeks after the deadline; information about individual applications will not be available before then*

Fees
Research students: £150 (no charge for subsistence costs).
Early career researchers: £250 (no charge for subsistence costs).
Other participants: £250 (plus subsistence costs).

Research students who will not have not completed their PhDs by the start of the Research School and who would otherwise be unable to attend can apply for financial aid.

Fees are not payable until a place at the Research School is offered but will be due by 26 May 2017.