



LONDON
MATHEMATICAL
SOCIETY
EST. 1865

New Trends in Analytic Number Theory

LMS-CMI Research School University of Exeter, 13 – 17 August 2018

Organisers: Julio Andrade (Exeter) and Brian Conrey (AIM and Bristol)

This research school will focus on three major advances in analytic number theory that have emerged in the last few years: prime number theory, number theory in function fields, the Hardy–Littlewood Circle Method and the Vinogradov Mean Value Theorem.

Andrew Granville (UCL) and Steve Gonek (Rochester, NY, USA):

Topics in Analytic Number Theory

Trevor Wooley (Bristol):

Hardy and Littlewood Circle Method and Vinogradov's Mean Value Theorem

Jon Keating (Bristol) and Zeev Rudnick (Tel-Aviv):

Number Theory in Function Fields

Distinguished Speakers: Chris Hughes (York), James Maynard (Oxford), Damaris Schindler (Utrecht), Caroline Turnage-Butterbaugh (Duke)

For further information please visit: <https://tinyurl.com/yafkqrun>.

Apply online (<https://tinyurl.com/ybmhquxd>) by **14 May 2018**. Research students, post-docs and those working in industry are invited to apply.

Fees: Research students: £150. Early career researchers: £250. There will be no charge for subsistence costs. Other participants: £250. There will be a separate charge for accommodation if required.

Fees are not payable until a place at the School is offered, but will be due by 2 July 2018. Research students who will not have completed their PhD's by the start of the School and who would otherwise be unable to attend can apply for financial aid. Application forms will be made available after 9 April, but further information is available here: <https://tinyurl.com/mve2fxb>.



Heilbronn Institute for
Mathematical Research

UNIVERSITY OF
EXETER