FRANCESCA BALESTRIERI, MA (CANTAB), MSC (OXON), DPHIL (OXON)

E-mail: fbales@mpim-bonn.mpg.de https://fbalestrieri.github.io Webpage: Address: Max-Planck-Institut für Mathematik, Vivatsgasse 7, 53111, Bonn, Germany Nationality: Italian POSTDOC POSITIONS AND EMPLOYMENT • Post-Doc Fellowship, Max-Planck-Institut für Mathematik 2017 - 2019Mentors: Prof Yuri I Manin, Prof Pieter Moree • Stipendiary Lecturer in Pure Mathematics, Pembroke College, University of Oxford 2016 - 2017• Freelance Editor, Oxford University Press 2015 - 2016EDUCATION • DPhil in Number Theory, University of Oxford 2013 - 2017Research Interests: Number Theory, Arithmetic Geometry Supervisor: Prof E Victor Flynn • MSc Mathematics and the Foundations of Computer Science, University of Oxford 2012 - 2013Result: Distinction • BA (Hons) Mathematical Tripos, University of Cambridge 2009 - 2012(Upgraded to MA in 2016) Result: Class I (each year) Academic Visits • University of Washington, Seattle, USA Sep-Dec 2015 Visiting: Prof Bianca Viray Papers and Preprints • Brauer-Manin obstruction and families of generalised Châtelet surfaces over number fields Preprint. • Elliptic fibrations on covers of the elliptic modular surface of level 5 with J. Desjardins, A. Garbagnati, C. Maistret, C. Salgado. WINE II: Contributions to Number Theory and Arithmetic Geometry, AWM Springer Series 11 (2018). • Iterating the algebraic étale-Brauer set Journal of Number Theory 182 (2018), 284–295 • Obstruction sets and extensions of groups Acta Arithmetica 173 (2016), 151–181. • Insufficiency of the Brauer-Manin obstruction for rational points on Enriques surfaces with J. Berg, M. Manes, J. Park, B. Viray. Directions in Number Theory: Proceedings of the 2014 WIN3 Workshop, AWM Springer Series 3 (2016), 1–32. SCHOLARSHIPS AND PRIZES • EPSRC Studentship, fees & maintenance, Mathematical Institute (University of Oxford). 2013 - 2017• Jex-Blake Scholarship, LMH (University of Oxford) 2013 - 2014• Academic Development Grant (Ginsberg Fund), LMH (University of Oxford) 2013 • Anne Jemima Clough Prize, Newnham College (University of Cambridge) 2012 • Chadburn Third-Year Scholarship , Newnham College (University of Cambridge) 2011 - 2012• Marjorie Stewart Tunnicliffe Prize, Newnham College (University of Cambridge) 2011 • Anne Jemima Clough Prize, Newnham College (University of Cambridge) 2011 • Mathilde Blind Second-Year Scholarship, Newnham College (University of Cambridge) 2010 - 2011• Jane Dora Archibald Prize, Newnham College (University of Cambridge) 2010 TEACHING (UNIVERSITY OF OXFORD) • Stipendiary Lecturship, Pembroke College. 2016-2017 M1 Groups and group actions. First year course. Trinity Term 2017

Trinity Term 2017 Hilary Term 2017

Hilary Term 2017

A.SO Group Theory. Second year.

A4 Integration. Second year course.

M1 Groups and group actions. First year course.

M2 Analysis II: Continuity and Differentiability. First year course.	Hilary Term 2017
A0 Linear Algebra. Second year course.	Michaelmas Term 2016
A2 Metric Spaces and Complex Analysis. Second year course.	Michaelmas Term 2016
M2 Analysis I: Sequences and Series. First year course.	Michaelmas Term 2016
• A.SO Graph Theory, Tutor for New College. Second year course.	Trinity Term 2016
• C2.6 Introduction to Schemes, Consultation Sessions Tutor.	Trinity Term 2016
• C2.6 Introduction to Schemes, Class Tutor. Fourth year/graduate course.	Hilary Term 2016
• A.SO Graph Theory, Tutor for New College. Second year course.	Trinity Term 2015
• B3.4 Algebraic Number Theory, Consultation Sessions Tutor.	Trinity Term 2015
• C3.7 Elliptic Curves, Consultation Sessions Tutor (2 Sets).	Trinity Term 2015
• B3.4 Algebraic Number Theory, Class Tutor. Third year course.	Hilary Term 2015
• C3.7 Elliptic Curves, Class Tutor (2 Sets). Fourth year/graduate course.	Hilary Term 2015
• C3.4 Algebraic Geometry, Class Tutor. Fourth year/graduate course.	Michaelmas Term 2014
• B3.1 Galois Theory, TA (2 sets). Third year course.	Michaelmas Term 2014
• B9b Algebraic Number Theory, TA. Third year course.	Hilary Term 2014
• C9.1b Elliptic Curves, TA. Fourth year/graduate course.	Hilary Term 2014
• C9.2a Analytic Number Theory, TA. Fourth year/graduate course.	Michaelmas Term 2013
Teaching (University of Washington)	
• Algebraic Number Theory, 2 lectures (substituting Prof Viray). Graduate course.	Fall Quarter 2015
g	Q
Committees and service	
	2017
• Reviewer for the Mathematical Reviews of the AMS.	2017-
• Peer-reviewer for the Tunisian Journal of Mathematics.	2017
• Organiser of the Junior Number Theory seminar, University of Oxford.	2015–2016
• Undergraduate admissions interviewer at New College, University of Oxford.	Michaelmas Term 2014
• Organiser of the Young Researchers in Mathematics 2015 conference, University of Oxford.	2013-2015
• Undergraduate admissions interviewer at New College, University of Oxford.	Michaelmas Term 2013
• Facilitator for the Good Practices Steering Group, Mathematical Institute, University of Oxfo	ord. 2013–2017
• Facilitator for the Good Fractices Steering Group, Mathematical Institute, Chrycistry of Oxio	701. 2019 2011
	ord. 2019-2011
Talks	nu. 2019 2017
	TBA
Talks	
Talks • TBA XIV Giornate di Geometria Algebrica ed Argomenti Correlati, Università di Genova, Italy.	
 TALKS TBA XIV Giornate di Geometria Algebrica ed Argomenti Correlati, Università di Genova, Italy. Arithmetic of rational points and 0-cycles of degree 1 on Kummer varieties 	TBA
 TALKS TBA XIV Giornate di Geometria Algebrica ed Argomenti Correlati, Università di Genova, Italy. Arithmetic of rational points and 0-cycles of degree 1 on Kummer varieties Number Theory Lunch Seminar, Max-Planck-Institut für Mathematik, Bonn, Germany. 	TBA 28 Mar 2018
 TALKS TBA XIV Giornate di Geometria Algebrica ed Argomenti Correlati, Università di Genova, Italy. Arithmetic of rational points and 0-cycles of degree 1 on Kummer varieties Number Theory Lunch Seminar, Max-Planck-Institut für Mathematik, Bonn, Germany. Categorie: un cambiamento di paradigma in matematica (in Italian) 	TBA
 TALKS TBA XIV Giornate di Geometria Algebrica ed Argomenti Correlati, Università di Genova, Italy. Arithmetic of rational points and 0-cycles of degree 1 on Kummer varieties Number Theory Lunch Seminar, Max-Planck-Institut für Mathematik, Bonn, Germany. Categorie: un cambiamento di paradigma in matematica (in Italian) Seminario di Logica, Università Ca' Foscari, Venice, Italy. 	TBA 28 Mar 2018 7 Dec 2017
 TALKS TBA XIV Giornate di Geometria Algebrica ed Argomenti Correlati, Università di Genova, Italy. Arithmetic of rational points and 0-cycles of degree 1 on Kummer varieties Number Theory Lunch Seminar, Max-Planck-Institut für Mathematik, Bonn, Germany. Categorie: un cambiamento di paradigma in matematica (in Italian) Seminario di Logica, Università Ca' Foscari, Venice, Italy. Studying arithmetic properties of rational points on varieties 	TBA 28 Mar 2018
 TALKS TBA XIV Giornate di Geometria Algebrica ed Argomenti Correlati, Università di Genova, Italy. Arithmetic of rational points and 0-cycles of degree 1 on Kummer varieties Number Theory Lunch Seminar, Max-Planck-Institut für Mathematik, Bonn, Germany. Categorie: un cambiamento di paradigma in matematica (in Italian) Seminario di Logica, Università Ca' Foscari, Venice, Italy. Studying arithmetic properties of rational points on varieties MPI-Oberseminar, Max-Planck-Institut für Mathematik, Bonn, Germany. 	TBA 28 Mar 2018 7 Dec 2017 26 Oct 2017
 TBA XIV Giornate di Geometria Algebrica ed Argomenti Correlati, Università di Genova, Italy. Arithmetic of rational points and 0-cycles of degree 1 on Kummer varieties Number Theory Lunch Seminar, Max-Planck-Institut für Mathematik, Bonn, Germany. Categorie: un cambiamento di paradigma in matematica (in Italian) Seminario di Logica, Università Ca' Foscari, Venice, Italy. Studying arithmetic properties of rational points on varieties MPI-Oberseminar, Max-Planck-Institut für Mathematik, Bonn, Germany. Iterating the algebraic étale-Brauer obstruction 	TBA 28 Mar 2018 7 Dec 2017
 TBA XIV Giornate di Geometria Algebrica ed Argomenti Correlati, Università di Genova, Italy. Arithmetic of rational points and 0-cycles of degree 1 on Kummer varieties Number Theory Lunch Seminar, Max-Planck-Institut für Mathematik, Bonn, Germany. Categorie: un cambiamento di paradigma in matematica (in Italian) Seminario di Logica, Università Ca' Foscari, Venice, Italy. Studying arithmetic properties of rational points on varieties MPI-Oberseminar, Max-Planck-Institut für Mathematik, Bonn, Germany. Iterating the algebraic étale-Brauer obstruction Number Theory Seminar, University of Cambridge, UK. 	TBA 28 Mar 2018 7 Dec 2017 26 Oct 2017 19 May 2017
 Talks TBA XIV Giornate di Geometria Algebrica ed Argomenti Correlati, Università di Genova, Italy. Arithmetic of rational points and 0-cycles of degree 1 on Kummer varieties Number Theory Lunch Seminar, Max-Planck-Institut für Mathematik, Bonn, Germany. Categorie: un cambiamento di paradigma in matematica (in Italian) Seminario di Logica, Università Ca' Foscari, Venice, Italy. Studying arithmetic properties of rational points on varieties MPI-Oberseminar, Max-Planck-Institut für Mathematik, Bonn, Germany. Iterating the algebraic étale-Brauer obstruction Number Theory Seminar, University of Cambridge, UK. When do rational points on varieties exist? 	TBA 28 Mar 2018 7 Dec 2017 26 Oct 2017
 Talks TBA XIV Giornate di Geometria Algebrica ed Argomenti Correlati, Università di Genova, Italy. Arithmetic of rational points and 0-cycles of degree 1 on Kummer varieties Number Theory Lunch Seminar, Max-Planck-Institut für Mathematik, Bonn, Germany. Categorie: un cambiamento di paradigma in matematica (in Italian) Seminario di Logica, Università Ca' Foscari, Venice, Italy. Studying arithmetic properties of rational points on varieties MPI-Oberseminar, Max-Planck-Institut für Mathematik, Bonn, Germany. Iterating the algebraic étale-Brauer obstruction Number Theory Seminar, University of Cambridge, UK. When do rational points on varieties exist? Pure Mathematics Seminar, University of Reading, UK. 	TBA 28 Mar 2018 7 Dec 2017 26 Oct 2017 19 May 2017 15 Mar 2017
 TBA XIV Giornate di Geometria Algebrica ed Argomenti Correlati, Università di Genova, Italy. Arithmetic of rational points and 0-cycles of degree 1 on Kummer varieties Number Theory Lunch Seminar, Max-Planck-Institut für Mathematik, Bonn, Germany. Categorie: un cambiamento di paradigma in matematica (in Italian) Seminario di Logica, Università Ca' Foscari, Venice, Italy. Studying arithmetic properties of rational points on varieties MPI-Oberseminar, Max-Planck-Institut für Mathematik, Bonn, Germany. Iterating the algebraic étale-Brauer obstruction Number Theory Seminar, University of Cambridge, UK. When do rational points on varieties exist? Pure Mathematics Seminar, University of Reading, UK. Iterating the algebraic étale-Brauer obstruction 	TBA 28 Mar 2018 7 Dec 2017 26 Oct 2017 19 May 2017
 Talks TBA XIV Giornate di Geometria Algebrica ed Argomenti Correlati, Università di Genova, Italy. Arithmetic of rational points and 0-cycles of degree 1 on Kummer varieties Number Theory Lunch Seminar, Max-Planck-Institut für Mathematik, Bonn, Germany. Categorie: un cambiamento di paradigma in matematica (in Italian) Seminario di Logica, Università Ca' Foscari, Venice, Italy. Studying arithmetic properties of rational points on varieties MPI-Oberseminar, Max-Planck-Institut für Mathematik, Bonn, Germany. Iterating the algebraic étale-Brauer obstruction Number Theory Seminar, University of Cambridge, UK. When do rational points on varieties exist? Pure Mathematics Seminar, University of Reading, UK. Iterating the algebraic étale-Brauer obstruction RTG Lectures in Arithmetic Geometry at Rice, Rice University, Houston, USA. 	TBA 28 Mar 2018 7 Dec 2017 26 Oct 2017 19 May 2017 15 Mar 2017 17 Feb 2017
 Talks TBA XIV Giornate di Geometria Algebrica ed Argomenti Correlati, Università di Genova, Italy. Arithmetic of rational points and 0-cycles of degree 1 on Kummer varieties Number Theory Lunch Seminar, Max-Planck-Institut für Mathematik, Bonn, Germany. Categorie: un cambiamento di paradigma in matematica (in Italian) Seminario di Logica, Università Ca' Foscari, Venice, Italy. Studying arithmetic properties of rational points on varieties MPI-Oberseminar, Max-Planck-Institut für Mathematik, Bonn, Germany. Iterating the algebraic étale-Brauer obstruction Number Theory Seminar, University of Cambridge, UK. When do rational points on varieties exist? Pure Mathematics Seminar, University of Reading, UK. Iterating the algebraic étale-Brauer obstruction RTG Lectures in Arithmetic Geometry at Rice, Rice University, Houston, USA. Iterare l'insieme di étale-Brauer algebrico (in Italian) 	TBA 28 Mar 2018 7 Dec 2017 26 Oct 2017 19 May 2017 15 Mar 2017 17 Feb 2017 22 Dec 2016
 Talks Tba XIV Giornate di Geometria Algebrica ed Argomenti Correlati, Università di Genova, Italy. Arithmetic of rational points and 0-cycles of degree 1 on Kummer varieties Number Theory Lunch Seminar, Max-Planck-Institut für Mathematik, Bonn, Germany. Categorie: un cambiamento di paradigma in matematica (in Italian) Seminario di Logica, Università Ca' Foscari, Venice, Italy. Studying arithmetic properties of rational points on varieties MPI-Oberseminar, Max-Planck-Institut für Mathematik, Bonn, Germany. Iterating the algebraic étale-Brauer obstruction Number Theory Seminar, University of Cambridge, UK. When do rational points on varieties exist? Pure Mathematics Seminar, University of Reading, UK. Iterating the algebraic étale-Brauer obstruction RTG Lectures in Arithmetic Geometry at Rice, Rice University, Houston, USA. Iterare l'insieme di étale-Brauer algebrico (in Italian) Algebraic Geometry and Representation Theory in Rome, Università Sapienza, Rome, Italy. 	TBA 28 Mar 2018 7 Dec 2017 26 Oct 2017 19 May 2017 15 Mar 2017 17 Feb 2017 22 Dec 2016
 Talks TBA XIV Giornate di Geometria Algebrica ed Argomenti Correlati, Università di Genova, Italy. Arithmetic of rational points and 0-cycles of degree 1 on Kummer varieties Number Theory Lunch Seminar, Max-Planck-Institut für Mathematik, Bonn, Germany. Categorie: un cambiamento di paradigma in matematica (in Italian) Seminario di Logica, Università Ca' Foscari, Venice, Italy. Studying arithmetic properties of rational points on varieties MPI-Oberseminar, Max-Planck-Institut für Mathematik, Bonn, Germany. Iterating the algebraic étale-Brauer obstruction Number Theory Seminar, University of Cambridge, UK. When do rational points on varieties exist? Pure Mathematics Seminar, University of Reading, UK. Iterating the algebraic étale-Brauer obstruction RTG Lectures in Arithmetic Geometry at Rice, Rice University, Houston, USA. Iterare l'insieme di étale-Brauer algebrico (in Italian) Algebraic Geometry and Representation Theory in Rome, Università Sapienza, Rome, Italy. Iterating the algebraic étale-Brauer obstruction 	TBA 28 Mar 2018 7 Dec 2017 26 Oct 2017 19 May 2017 15 Mar 2017 17 Feb 2017 22 Dec 2016
 Talks TBA XIV Giornate di Geometria Algebrica ed Argomenti Correlati, Università di Genova, Italy. Arithmetic of rational points and 0-cycles of degree 1 on Kummer varieties Number Theory Lunch Seminar, Max-Planck-Institut für Mathematik, Bonn, Germany. Categorie: un cambiamento di paradigma in matematica (in Italian) Seminario di Logica, Università Ca' Foscari, Venice, Italy. Studying arithmetic properties of rational points on varieties MPI-Oberseminar, Max-Planck-Institut für Mathematik, Bonn, Germany. Iterating the algebraic étale-Brauer obstruction Number Theory Seminar, University of Cambridge, UK. When do rational points on varieties exist? Pure Mathematics Seminar, University of Reading, UK. Iterating the algebraic étale-Brauer obstruction RTG Lectures in Arithmetic Geometry at Rice, Rice University, Houston, USA. Iterare l'insieme di étale-Brauer algebrico (in Italian) Algebraic Geometry and Representation Theory in Rome, Università Sapienza, Rome, Italy. Iterating the algebraic étale-Brauer obstruction Number Theory Seminar, University of Manchester, UK. 	TBA 28 Mar 2018 7 Dec 2017 26 Oct 2017 19 May 2017 15 Mar 2017 17 Feb 2017 22 Dec 2016 27 Oct 2016
 Talks TBA XIV Giornate di Geometria Algebrica ed Argomenti Correlati, Università di Genova, Italy. Arithmetic of rational points and 0-cycles of degree 1 on Kummer varieties Number Theory Lunch Seminar, Max-Planck-Institut für Mathematik, Bonn, Germany. Categorie: un cambiamento di paradigma in matematica (in Italian) Seminario di Logica, Università Ca' Foscari, Venice, Italy. Studying arithmetic properties of rational points on varieties MPI-Oberseminar, Max-Planck-Institut für Mathematik, Bonn, Germany. Iterating the algebraic étale-Brauer obstruction Number Theory Seminar, University of Cambridge, UK. When do rational points on varieties exist? Pure Mathematics Seminar, University of Reading, UK. Iterating the algebraic étale-Brauer obstruction RTG Lectures in Arithmetic Geometry at Rice, Rice University, Houston, USA. Iterare l'insieme di étale-Brauer algebrico (in Italian) Algebraic Geometry and Representation Theory in Rome, Università Sapienza, Rome, Italy. Iterating the algebraic étale-Brauer obstruction Number Theory Seminar, University of Manchester, UK. Iterating the algebraic étale-Brauer obstruction 	TBA 28 Mar 2018 7 Dec 2017 26 Oct 2017 19 May 2017 15 Mar 2017 17 Feb 2017 22 Dec 2016
 TALKS TBA XIV Giornate di Geometria Algebrica ed Argomenti Correlati, Università di Genova, Italy. Arithmetic of rational points and 0-cycles of degree 1 on Kummer varieties Number Theory Lunch Seminar, Max-Planck-Institut für Mathematik, Bonn, Germany. Categorie: un cambiamento di paradigma in matematica (in Italian) Seminario di Logica, Università Ca' Foscari, Venice, Italy. Studying arithmetic properties of rational points on varieties MPI-Oberseminar, Max-Planck-Institut für Mathematik, Bonn, Germany. Iterating the algebraic étale-Brauer obstruction Number Theory Seminar, University of Cambridge, UK. When do rational points on varieties exist? Pure Mathematics Seminar, University of Reading, UK. Iterating the algebraic étale-Brauer obstruction RTG Lectures in Arithmetic Geometry at Rice, Rice University, Houston, USA. Iterare l'insieme di étale-Brauer algebrico (in Italian) Algebraic Geometry and Representation Theory in Rome, Università Sapienza, Rome, Italy. Iterating the algebraic étale-Brauer obstruction Number Theory Seminar, University of Manchester, UK. Iterating the algebraic étale-Brauer obstruction Linfoot seminar, Bristol University, UK. 	TBA 28 Mar 2018 7 Dec 2017 26 Oct 2017 19 May 2017 15 Mar 2017 17 Feb 2017 22 Dec 2016 27 Oct 2016 12 Oct 2016
 Talks TBA	TBA 28 Mar 2018 7 Dec 2017 26 Oct 2017 19 May 2017 15 Mar 2017 17 Feb 2017 22 Dec 2016 27 Oct 2016
 Talks TBA	TBA 28 Mar 2018 7 Dec 2017 26 Oct 2017 19 May 2017 15 Mar 2017 17 Feb 2017 22 Dec 2016 27 Oct 2016 12 Oct 2016 13 Jun 2016
 TALKS TBA	TBA 28 Mar 2018 7 Dec 2017 26 Oct 2017 19 May 2017 15 Mar 2017 17 Feb 2017 22 Dec 2016 27 Oct 2016 12 Oct 2016
 Talks TBA	TBA 28 Mar 2018 7 Dec 2017 26 Oct 2017 19 May 2017 15 Mar 2017 17 Feb 2017 22 Dec 2016 27 Oct 2016 12 Oct 2016 13 Jun 2016 23 May 2016
 TALKS TBA	TBA 28 Mar 2018 7 Dec 2017 26 Oct 2017 19 May 2017 15 Mar 2017 17 Feb 2017 22 Dec 2016 27 Oct 2016 12 Oct 2016 13 Jun 2016
 Talks TBA	TBA 28 Mar 2018 7 Dec 2017 26 Oct 2017 19 May 2017 15 Mar 2017 17 Feb 2017 22 Dec 2016 27 Oct 2016 12 Oct 2016 13 Jun 2016 23 May 2016 25 Apr 2016
 TALKS TBA	TBA 28 Mar 2018 7 Dec 2017 26 Oct 2017 19 May 2017 15 Mar 2017 17 Feb 2017 22 Dec 2016 27 Oct 2016 12 Oct 2016 13 Jun 2016 23 May 2016

Junior Number Theory seminar, University of Oxford, UK.	
• Iterating the algebraic étale-Brauer obstruction	17 Nov 2015
AGNT Seminar, Rice University, Houston, USA. • Belyi's Theorem	12 Nov 2015
Dessins d'enfants seminar, University of Washington, Seattle, USA. • Iterating the algebraic étale-Brauer obstruction	10 Nov 2015
UW Number Theory Seminar, University of Washington, Seattle, USA.Obstructions: a dictionary	19 Aug 2015
Young Researchers in Mathematics 2015, University of Oxford, UK. • Insufficiency of the Brauer-Manin obstruction for Enriques surfaces	13 Apr 2015
TCC Number Theory day, Imperial College, London, UK.	
• Insuffisance de l'obstruction de Brauer-Manin pour les surfaces d'Enriques (in French) Séminaire "Variétés Rationnelles", Institut Henri Poincaré, Paris, France.	10 Apr 2015
• Obstruction sets and extensions of groups Junior Number Theory seminar, University of Oxford, UK.	9 Feb 2015
• Ranks of elliptic curves	24 Nov 2014
Junior Number Theory seminar, University of Oxford, UK. • How badly can the Hasse principle fail?	22 Oct 2014
Kinderseminar, University of Oxford, UK. • On the existence of rational points: an introduction to obstructions	4 Sep 2014
NATO ASI, Ohrid, FYROM.	_
• Obstructions! Young Researchers in Mathematics 2014, University of Warwick, UK.	2 Jul 2014
• Obstructions to the Hasse principle	25 Nov 2013
Junior Number Theory seminar, University of Oxford, UK.	
Conferences and Workshops • Rational Points on Schiermonnikoog	2 – 6 Jul 2018
Schiermonnikoog, Netherlands.	
• XIV Giornate di Geometria Algebrica ed Argomenti Correlati Università di Genova, Genova, Italy.	29 May – 1 Jun 2018
• Rational Points 2017	2–8 Jul 2017
Franken-Akademie Schloss Schney, Schney, Germany. • RTG Lectures in Arithmetic Geometry at Rice	17–19 Feb 2017
Rice University, Houston, USA. • Algebraic Geometry and Representation Theory in Rome	22 Dec 2016
Università Sapienza, Rome, Italy.	
• Women In Numbers Europe 2 Lorentz Center, Leiden, Netherlands.	25–30 Sep 2016
• GAeL XXIV Nesin Mathematics Village, Turkey.	13–17 Jun 2016
• Fundamental groups in Arithmetic Geometry	26 May – 3 Jun 2016
Institut Henri Poincaré, Paris, France. • Explicit Methods in Number Theory (in honour of John Cremona's 60th Birthday)	4–8 Apr 2016
University of Warwick, UK. • Sage Days 71: Explicit p-adic methods in number theory	20–24 Mar 2016
University of Oxford, UK.	
• Oxford Cryptography Day University of Oxford, UK.	17 Mar 2016
• Western Algebraic Geometry Symposium University of Washington, Seattle, USA.	17–18 Oct 2015
• LMS-CMI summer school on Diophantine Equations	15–19 Sep 2015
Wales, UK. • Young Researchers in Mathematics 2015	17–20 Aug 2015
University of Oxford, UK. • Rational Points 2015	28 Jun – 5 Jul 2015
Franken-Akademie Schloss Schney, Schney, Germany.	
• Rational Points/ Pontos Racionais IMPA, Rio de Janeiro, Brazil.	25–29 May 2015

• Elliptic Curves, Modular Forms and Iwasawa Theory	25-27 Mar 2015
In honour of J Coates' 70th Birthday, University of Cambridge, UK.	
• Arizona Winter School 2015: Arithmetic and Higher-Dimensional Varieties	14–18 Mar 2015
The Southwest Center for Arithmetic Geometry, University of Arizona, USA.	
• Algebraic Geometry and Representation Theory in Rome	18–19 Dec 2014
Università Roma 3, Rome, Italy.	
• Comptage d'objets arithmétiques (rangs des courbes elliptiques)	10–14 Nov 2014
CRM, Université de Montréal, Canada.	
• Analytic Number Theory	29 Sep - 3 Oct 2014
Clay Research Conference and Workshops, University of Oxford, UK.	
• Bounded Gaps Between Primes	22-26 Sep 2014
LMS-CMI Research School, University of Oxford, UK.	
• Arithmetic of Hyperelliptic Curves	25 Aug - 5 Sep 2014
NATO Advanced Study Institute, Ohrid, FYROM.	
• Young Researchers in Mathematics 2014	30 Jun - 3 Jul 2014
University of Warwick, UK.	
• Women in Numbers 3	20-25 Apr 2014
Banff International Research Station, Canada.	
• Model theory and its interactions with NT and arithmetic geometry	10-11 Feb 2014
MSRI, University of California, Berkeley, USA.	
• Introductory Workshop: Model Theory, Arithmetic Geometry and NT	3–7 Feb 2014
MSRI, University of California, Berkeley, USA.	
• Number Theory and Physics	29 Sep - 4 Oct 2013
Clay Research Conference and Workshops, University of Oxford, UK.	
• Rational Points - Geometric, Analytic and Explicit Approaches	27–31 May 2013
EPSRC Warwick Number Theory Symposium, University of Warwick, UK.	
• Women in Mathematics	18–19 Apr 2013
Organised by the LMS. Newton Institute, University of Cambridge, UK.	
• Foundations of Mathematics: What are they and what are they for?	10–12 Jul 2012
Department of Philosophy, University of Cambridge, UK.	

Summer 2012

OTHER RESEARCH EXPERIENCES

• Research Assistant in Numerical Analysis

DAMTP, University of Cambridge.

Undergraduate summer research project funded by MathWorks. Supervisors: Prof A Iserles, Dr C-B Schoenlieb, and Dr S J Cowley.

Languages

• Italian: Native speaker

English: FluentFrench: Fluent