Programme:

Tuesday, 26th June

09:20 - 09:30 Opening
09:30 - 10:15 Thomas Scanlon, University of California, Berkeley  
Differential algebraic Zilber-Pink theorems
10:25 - 11:10 Harry Schmidt, University of Manchester  
Counting rational points and iterated polynomial equations
11:10 - 11:40 Tea
11:40 - 12:25 Giuseppina Terzo, Università degli Studi della Campania  
Generic solutions of exponential equations

*** Lunch ***

14:30 - 15:15 Bruno Klingler, Humboldt Universität, Berlin  
Definability of period maps and algebraicity of Hodge loci
15:25 - 16:10 Philipp Habegger, Universität Basel  
Variation of the Néron-Tate Height in a Family of Abelian Varieties
16:10 - 16:40 Tea
16:40 - 17:25 Jonathan Kirby, University of East Anglia  
Local interdefinability of elliptic functions
17:30 *** Reception ***

Wednesday, 27th June

09:30 - 10:15 Umberto Zannier, Scuola Normale Superiore di Pisa  
On a question of Katz-Oort I
10:25 - 11:10 David Masser, Universität Basel  
On a question of Katz-Oort II
11:10 - 11:40 Tea
11:40 - 12:25 Sai-Kee Yeung, Purdue University  
Revisit of some cases of the conjectures of Coleman and Oort

*** Lunch ***

14:30 - 15:15 Paola D’Aquino, Università degli Studi della Campania  
Spectrum of \( \hat{\mathbb{Z}} \) hat and finite adeles over \( \mathbb{Q} \)
15:25 - 16:10 Jacob Tsimerman, University of Toronto  
O-minimality for Hodge Structures
16:10 - 16:40 Tea
16:40 - 17:25 Alex Wilkie, University of Oxford  
Around Functional Transcendence in o-minimal structures
Thursday, 28th June

09:30 - 10:15 **Kobi Peterzil**, University of Haifa
*The image of a definable set in a compact nilmanifold*

10:25 - 11:10 **Boris Zilber**, University of Oxford
*Pseudo-analytic structures and abelian Galois extensions of number fields*

11:10 - 11:40 Tea

11:40 - 12:25 **Joel Nagloo**, City University New York
*The Ax-Lindemann-Weierstrass with derivative and the genus 0 Fuchsian Groups*

*** Lunch ***

15:25 - 16:10 **Gal Byniamini**, Weizmann Institute of Science
*Using functional transcendence to sharpen the Pila-Wilkie theorem*

16:10 - 16:40 Tea

16:40 - 17:25 **Ngaiming Mok**, University of Hong-Kong
*Curvature, Rescaling and Uniformization Problems on Bounded Symmetric Domains*

19:00 *** Conference Dinner (Wolfson College Buttery) ***

Friday, 29th June

09:30 - 10:15 **Vahagn Aslanyan**, Carnegie Mellon University
*Weak Modular Zilber-Pink with Derivatives*

10:25 - 11:10 **Daniel Bertrand**, IMJ-PRG, Université Pierre et Marie-Curie, Paris
*Logarithmic Ax and special curves in a mixed Shimura threefold*

11:10 - 11:40 Tea

11:40 - 12:25 **Sergei Starchenko**, University of Notre-Dame
*Remarks on definable fundamental sets in o-minimal structures*

All the talks will be in room L5 in the Mathematical Institute Mezzanine.

**Conference Dinner:** The conference dinner will take place at the Wolfson College Buttery, situated in Linton Road, Oxford OX2 6UD. There will be a pre-dinner aperitif at 19:00 and then the dinner at 19:30.