



Sino-French Research Program in Diophantine Geometry

Beijing International Center for Mathematical Research

Jing Chun Garden, Room 77201

Schedule

Monday August 27

9:00—10:00 Reception

10:00—10:30 Opening Ceremony

10:30—12:00 **Maria Carrizosa** (Univ. de Lyon I), Introduction to Abelian varieties

12:00—13:30 Lunch

13:30—15:00 **Aurélien Galateau** (Univ. Franche-Comté), Serre's theorem on Galois representations I

15:00—15:30 Tea break

15:30—17:00 **Agnès David** (Univ. de Versailles), Introduction to modular curves I

Tuesday August 28

8:30—10:00 **Aurélien Galateau** (Univ. Franche-Comté), Serre's theorem on Galois representations II

10:00—10:30 Tea break

10:30—12:00 **Agnès David** (Univ. de Versailles), Introduction to modular curves II

12:00—13:30 Lunch

13:30—15:00 **Sinnou David** (Univ. Paris 6), Classical Baker's method and isogeny estimate of Gaudron-Rémond I

15:00—15:30 Tea break

15:30—16:30 **Fei Xu** (Capital Normal Univ.), Counting integral points on certain homogeneous spaces

16:30—17:30 **Yuancao Zhang** (BICMR), l -invariants and logarithm derivatives of eigenvalues of Frobenius

Wednesday August 29

8:30—10:00 **Sinnou David** (Univ. Paris 6), Classical Baker's method and isogeny estimate of Gaudron-Rémond II

10:00—10:30 Tea break

10:30—12:00 **Yuri Bilu** (Univ. de Bordeaux I), Runge's method

12:00—13:30 Lunch

Thursday August 30

8:30—10:00 **Marusia Rebolledo** (Univ. de Clermont-Férrand), Results of Mazur, Momose and Merel I

10:00—10:30 Tea break

10:30—12:00 **Sinnou David** (Univ. Paris 6), Classical Baker's method and isogeny estimate of Gaudron-Rémond III

12:00—13:30 Lunch

13:30—15:00 **Gongrong Yang** (Peking Univ.), The general Barnes zeta functions

15:00—15:30 Tea break

15:30—16:30 **Pascal Molin** (Univ. Paris 7), Numerical experiments with L-functions

16:30—17:30 **Jean-François Mestre** (Univ. Paris 7), Curves of genus 3 with S_3 as automorphism group

18:30 Banquet

Friday August 31

8:30—10:00 **Marusia Rebolledo** (Univ. de Clermont-Férrand), Results of Mazur, Momose and Merel II

10:00—10:30 Tea break

10:30—12:00 **Pierre Parent** (Univ. de Bordeaux I), Rational points on $X_0^+(p^f)$

12:00—13:30 Lunch

13:30—15:00 **Hideaki Ikoma** (Univ. of Kyoto), How to bound the successive minima on arithmetic varieties

15:00—15:30 Tea break

15:30—16:30 **Mathilde Herblot** (Göthe Univ.), Complex and p -adic geometric version of the Schneider-Lang theorem