

# WOMEN IN NUMBERS–EUROPE

## 1. GROUPS

Group 1: Langlands Correspondence

Co-leaders: Ramla Abdellatif, Ana Caraiani\*, Colette Moeglin

Group Members: Amy DeCelles, Soma Purkait

Group 2: Galois representations and Galois groups over  $\mathbb{Q}$

Co-leaders: Sara Arias-de-Reyna, Núria Vila

Group Members: Cécile Armana, Valentijn Karemaker, Marusia Rebolledo, Lara Thomas

Group 3: Explicit construction of Ramanujan bigraphs

Co-leaders: Cristina Ballantine, Brooke Feigon

Group Members: Radhika Ganapathy, Janne Kool, Kathrin Maurischat, Amy Wooding

Group 4: Elliptic Fibrations of K3 surfaces

Co-leaders: Marie-José Bertin, Odile Lecacheux

Group Members: Alice Garbagnati, Ruthi Hortsch, Makiko Mase, Cecilia Salgado, Ursula Whitcher

Group 5: Automorphic  $L$ -functions and Selberg class

Co-leaders: Alina Bucur, Almasa Odzak, Lejla Smajlović\*

Group Members: Anne-Maria Ernvall-Hytonen, Edva Roditty-Gershon

Group 6: Bad reduction for genus 3 curves

Co-leaders: Irene Bouw\*, Kristin Lauter

Group Members: Jenny Cooley, Elisa Lorenzo Garcia, Michelle Manes, Rachel Newton, Ekin Ozman

Group 7: Harmonic analysis on  $p$ -adic groups

Co-leaders: Julia Gordon, Marcela Hanzer

Group Members: Agnes David, Sharon Frechette, Judith Ludwig

Group 8:  $p$ -adic geometry, syntomic cohomology and applications to number theory

Co-leaders: Wiesława Nizioł, Sarah Zerbes

Group Members: Rebecca Bellovin, Jessica Fintzen

Group 9: Multiple zeta values and related Lie algebras: explorations of structure

Co-leaders: Adriana Salerno, Leila Schneps

Group Members: Amanda Beeson, Paloma Bengoechea, Athena Nguyen, Damaris Schindler

\*=via Skype

## 2. SCHEDULE

Unless otherwise noted all talks will take place in the Main Auditorium

**Monday**

7:00-8:45 breakfast  
8:45 Opening Remarks  
9:00-10:00 Group 1 presentation by leaders  
10:00-10:30 coffee  
10:30-11:30 Group 2 presentation by leaders  
11:30-12:30 Group 3 presentation by leaders  
12:30 lunch  
14:30-15:30 Group 4 presentation by leaders  
15:30-16:00 coffee  
16:00–19:30 project groups  
19:30 dinner

**Tuesday**

7:00-9:00 breakfast  
9:00-10:00 Group 5 presentation by leaders  
10:00-10:30 coffee  
10:30-11:30 Group 6 presentation by leaders  
11:30-12:30 Group 7 presentation by leaders  
12:30 lunch  
14:30-15:30 Group 8 presentation by leaders  
15:30-16:00 coffee  
16:00-19:30 project groups  
19:30 dinner

**Wednesday**

7:00-9:00 breakfast  
9:00-10:00 Group 9 presentation by leaders  
10:00-10:30 coffee  
10:30-12:30 project groups  
12:30 lunch, free afternoon

**Thursday**

7:00-9:00 breakfast  
9:00-12:30 project groups  
12:30 lunch  
14:30-18:00 project groups  
18:00-19:30 future plans/discussion (Auditorium)  
19:30 dinner (La Bouillabaisse)

**Friday**

7:00-9:00 breakfast

All meetings before lunch will take place in the Auditorium as usual

9:00-9:30 Group 2 report by group members

9:30-10:00 Group 8 report by group members

10:00-10:30 Group 9 report by group members

10:30-11:00 Group 7 report by group members

11:00-11:30 Group 6 report by group members

11:30-12:00 Group 4 report by group members

12:30 lunch

All meetings after lunch will take place in the **Annexe building**

**14:00-14:30** Group 5 report by group members

14:30-15:00 Group 3 report by group members

15:00-15:30 Group 1 report by group members

15:30-17:00 closing discussion/final project group meetings