

The Roman Number Theory Association



RNTA MISSION STATEMENT

To foster research in Number theory through the organization and funding of scientific and educational activities in Developing Countries and by Providing scholarships and grants for researchers and students from countries in the developing world.

PARTNERS

1. International Center for Pure and Applied Mathematics (**CIMPA**)
2. Abdus Salam International Centre for Theoretical Physics (**ICTP**)
3. Ministero Affari Esteri e della Cooperazione Internazionale (**MAECI**)
4. Foundation Compositio Mathematica
5. Number Theory Foundation (**NTF**)
6. Istituto Nazionale di Alta Matematica "F. Severi" (**INDAM**)
7. Centre national de la recherche scientifique (**CNRS**)
8. International Mathematical Union (**IMU**)
9. Algebra, Geometry and Number Theory – Erasmus Mundus (**ALGANT**)
10. Laboratorio Ypatia di Scienze Matematiche (**LYSM**)
11. Groupement Euro-Magrébin de Mathématiques et leur Interactions (**GE2MI**)
12. Università Roma TRE
13. Università Europea di Roma

CIMPA-ICTP RESEARCH SCHOOLS



**LATTICES AND APPLICATIONS TO CRYPTOGRAPHY
AND CODING THEORY**
SAIGON UNIVERSITY, HO CHI MINH CITY, AUGUST 1ST-12TH 2016

CIMPA-ICTP RESEARCH SCHOOLS



**A CIMPA-ICTP RESEARCH SCHOOL ON
ARTIN L-FUNCTIONS, ARTIN'S PRIMITIVE
ROOTS CONJECTURE AND APPLICATIONS
NESIN MATHEMATICS VILLAGE, ŞIRINCE, TURKEY
MAY 29 - JUNE 9 2017.**

CIMPA-ICTP RESEARCH SCHOOLS



THÉORIE ALGÈBRIQUE DES NOMBRES ET APPLICATIONS NOTAMMENT À LA CRYPTOGRAPHIE

**UNIVERSITÉ FÉLIX HOUPHOUËT BOIGNY, ABIDJAN,
IVORY COAST**

APRIL 10-22, 2017.

CIMPA RESEARCH SCHOOLS



EXPLICIT NUMBER THEORY
THE UNIVERSITY OF THE WITWATERSRAND
JOHANNESBURG, SOUTH AFRICA JANUARY 8TH- 19TH, 2018

SCHOOLS IN PARTNERSHIP



A WAMS SCHOOL ON TOPICS IN ALGEBRAIC NUMBER THEORY AND DIOPHANTINE APPROXIMATION

SALAHADDIN UNIVERSITY, ERBIL,
KURDISTAN/IRAQ, MARCH 12- 22, 2017.

SCHOOLS IN PARTNERSHIP



**A WAMS SCHOOL ON
TOPICS IN ANALYTIC AND
TRANSCENDENTAL NUMBER THEORY
INSTITUTE FOR ADVANCED STUDIES IN BASIC SCIENCES
ZANJAN, IRAN JULY 1 - 13 2017.**

SCHOOLS IN PARTNERSHIP



**A SEAMS SCHOOL ON
TOPICS ON ELLIPTIC CURVES.
UNIVERSITY OF THE PHILIPPINES AT DILLMAN,
MANILA, JULY 17-25, 2017**

SCHOOLS IN PARTNERSHIP



A WAMS SCHOOL ON **THE MATHEMATICS OF ARTIN'S CONJECTURES**

YEREVAN STATE UNIVERSITY, YEREVAN, ARMENIA

MAY 21 - 25, 2018

FUTURE SCHOOLS

- A WAMS research school on Representation theory, University of Sulaymaniyah, Sulaymaniyah, Kurdistan/Iraq 7–9 Febbraio 2019.
- CIMPA research school on Elliptic curves, arithmetic and computation. University de la República, Montevideo, Uruguay, February 11–22, 2019.
- CIMPA research school on Cryptography, theoretical and computational aspects of algebraic number theory and algebra. Institut des sciences, des technologies et des études avancés d’Haiti, March 11–23 2019.
- Atelier GP–Pari, Roma Tre, April 8–9, 2019.
- A WAMS research school on Introductory topics in Number Theory and Differential Geometry, King Khalid University, Abha, Saudi Arabia, June 16–23, 2019

NEPAL ALGEBRA PROJECT



**Fields and Galois Theory “multiple hands” course in Nepal
2016 - 2021**

Nepal Algebra Project

Lecturers for 2016-2018

- **KALYAN CHAKRABORTY (HARISH-CHANDRA RESEARCH INSTITUTE)**
 - **RENÉ SCHOOF (TOR VERGATA)**
- **CAPI CORRALES RODRIGÁÑEZ (UNIVERSIDAD COMPLUTENSE DE MADRID)**
 - **HIRONORI SHIGA (CHIBA UNIVERSITY)**
- **LAURA GEATTI (TOR VERGATA)**
 - **SHREEDEVI K. MASUTI (CMI, CHENNAI, INDIA)**
- **NICK GILL (UNIVERSITY OF SOUTH WALES)**
 - **MICHEL WALDSCHMIDT (PARIS 6)**
- **IGNACIO LUENGO VELASCO (FACULTY OF MATHEMATICS, UCM SPAIN)**
 - **ROGER WIEGAND (UNIVERSITY OF NEBRASKA)**
- **SHIV PRAKASH PATEL (IIT DELHI, INDIA)**

Mini Symposia



The first mini symposium,
May 7, 2015,
Universita Europea di Roma



The second Mini Symposium, april 26,
2016, Roma Tre

Mini Symposia

The third
Mini Symposium,
April 6, 2017,
Roma Tre



The Fourth
Mini Symposium,
April 18–20
2018, Roma Tre



Mini Symposia

- **Each speakers is paired with a graduate student or young post-doc: the “scriba”**
- **After the symposium The “scriba” writes an extended abstract of the assigned talk interacting extensively with the speaker.**

EXECUTIVE BOARD

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Thank you for your attention