

CIMPA SCHOOL "DIFFERENTIAL GALOIS THEORY AND MULTISUMMABILITY"

Place and dates: Universidad del Norte. Barranquilla (Colombia), 13-26 January 2013.

Coordinators: Primitivo Acosta-Huménez (Universidad del Norte, Barranquilla, Colombia) and Jorge Mozo Fernández (Universidad de Valladolid, Spain).

Local Organizing Committee:

Primitivo Acosta-Huménez (Universidad del Norte, Barranquilla, Colombia)
Guillermo Cervantes (Universidad del Norte, Barranquilla, Colombia)
Joachim Hahn (Universidad del Norte, Barranquilla, Colombia)
Andrea Felipe (Universidad del Norte, Barranquilla, Colombia)
Jorge Mozo Fernández (Universidad de Valladolid, Spain)

Scientific Committee:

Werner Balsler (Ulm University, Germany).
David Blázquez Sanz (Universidad Sergio Arboleda, Bogotá, Colombia).
Reinhard Schäfke (Université de Strasbourg, France).

The School will consist in 5 mini-courses:

Jean-Pierre Ramis (Université Paul Sabatier, Toulouse, and Académie des Sciences, France):
Gevrey asymptotic expansions, summability of divergent series and applications.

Teresa Martínez-Seara (Universidad Politécnica de Cataluña, Barcelona, Spain): Exponentially small phenomena and resurgence.

Moulay Barkatou (Université de Limoges, France): Symbolic methods for solving systems of linear ordinary differential equations.

Claude Mitschi (Université de Strasbourg, Strasbourg, France): Introduction to the classical and parameterized Picard-Vessiot theories and related monodromy problems.

Jacques-Arthur Weil (Université de Limoges, France): Applications of symbolic methods for solving systems of linear ordinary differential equations.

There will also be some talks and the possibility of some presentations from the students.

Registration and deadlines:

Students not from Colombia must register via the web page of the CIMPA, before November 4th, 2012:

<http://www.cimpa-icpam.org/spip.php?article476>

Students from Colombia must register directly via the web page of the School, before January 1st, 2013:

<http://www.scm.org.co/eventos/CIMPA2013/>

Some financial support is available. Look at the web pages for details.