

# CIMPA School Information Sheet

*Fill in this information sheet with your favorite text editor, convert it to a pdf file, sign it electronically and send it to [admin@cimpa.info](mailto:admin@cimpa.info).*

**Official language of the school:** *English or French (this is the language in which the courses will be given)*

English

**Title of the school:** *Write here the title of the school (according to the official language). Pay attention to provide a title without acronyms and as short as possible time (70 characters maximum).*

Categories associated to the theory of representations

**Location:** *This is the name of the town where the school will take place.*

Morelia, Michoacan, Mexico.

Note that the dates are given in the acceptance letter.

August 2-13, 2021

Please take the time to **check** and **validate** the date, the title, and the place where your school will be held, because these information will be on the poster announcing the 2021 CIMPA schools. No changes can be made after printing.

**Text of presentation of the School:** *Provide here a synthetic text of presentation of your school with no more than 150 words (again according to the official language).*

The aim of the school is to introduce graduate students to the modern categorical methods in representation theory. The three courses of the first week will focus on the basic elements required for further topics. Thus, these courses will consist on brief recollections and introductions to: Categories and modules, group actions and bisets, linear representations of finite groups and block theory. For all of them there will be training sessions in the afternoons, where problems, doubts and related questions will be discussed.

During the second week there will be three advanced courses intended to be an exposition of the recent trends in representation theory of finite groups and related algebras. The subjects of these courses will be: Blocks of finite quasi-simple groups, cohomological methods in block theory, and fusion systems and Burnside rings. Besides lectures, we are also planning four talks regarding complementary topics in algebra.

**Address of the local website of the school:** *If ready, provide here the http address of the website of the school. If not, prepare as quickly as possible a website for your school containing all the information about the school:*

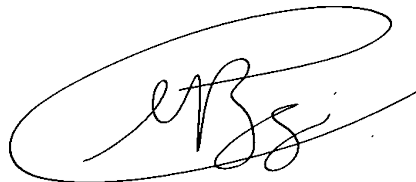
- *Composition of scientific and organizing committees*
- *List of courses and speakers*
- *Practical information (location, contacts, etc.)*
- *CIMPA logo*
- *Link to the CIMPA page for non-local participants wishing to request a financial support.*

**Terms of the agreement between the Organizers and CIMPA:**

We hereby certify that our acceptance of the CIMPA financial support implies that we will organize our CIMPA School according to the rules of CIMPA as described in the document attached « CIMPA support conditions for CIMPA Schools ».

Local Organizer's name and signature:

Alberto Gerardo Raggi Cárdenas



External organizer's name and signature: Serge Bouc

