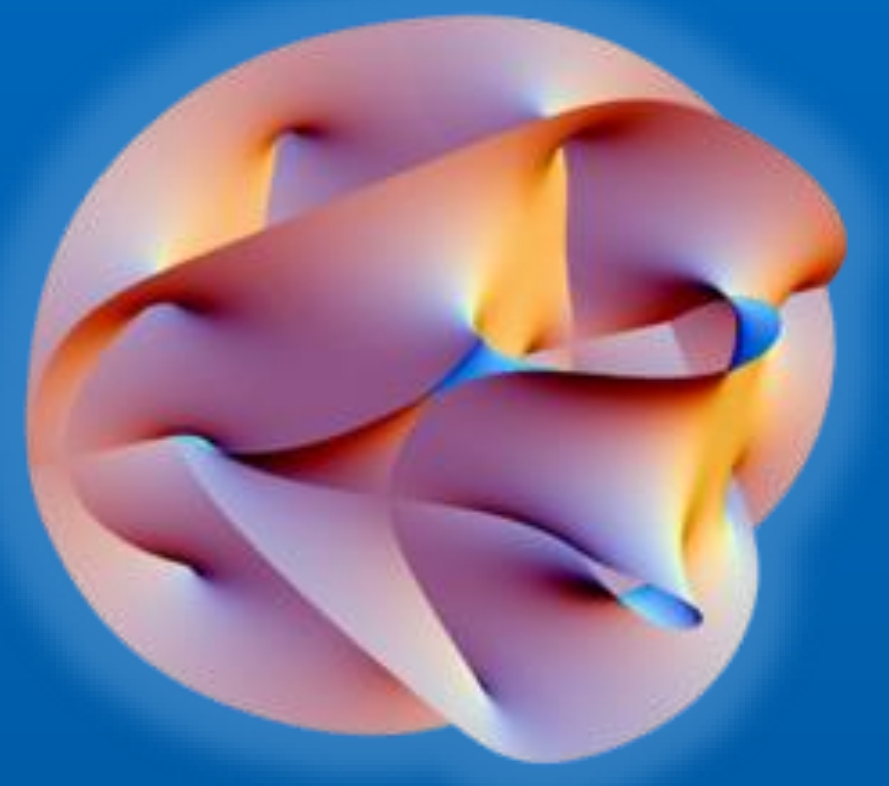


CIMPA2019 Research School:



'Algebraic and geometrical methods in string theory'



28 October - 08 November 2019

**San Martín, Buenos Aires,
Argentina**

Further information:

**[http://icas.unsam.edu.
ar/hub/cimpa2019/](http://icas.unsam.edu.ar/hub/cimpa2019/)**

Topics

- Vertex algebras and their modules
- Representations of infinite dimensional Lie algebras
- Calabi-Yau manifolds and Landau-Ginzburg models
- Loday algebras and derived brackets
- Hochschild cohomology
- Hopf algebras and quantum field theory
- Quantum field theory on curved spacetimes
- Generalized geometry and supersymmetric spaces
- String compactifications and fluxes
- Wess-Zumino-Novikov-Witten models.

Scientific Committee

- A. Chiodo (Paris 6, France)
- V. Futorny (USP, Brazil)
- M. Graña (CEA-Saclay, France)
- A. Solotar (UBA, Argentina).

Organizing Committee

- C. Boyallian (UNC, Argentina),
- E. Herscovich (Université Grenoble Alpes, France),
- S.M. Iguri (IAFE, Argentina),
- M. Suárez Álvarez (UBA, Argentina)

Lecturers

- C. Boyallian (UNC, Argentina)
- A. Chiodo (Paris 6, France)
- A. Frabetti (Université Lyon 1, France)
- V. Futorny (USP, Brazil)
- L. Götsche (ICTP, Italy) (TBC)
- M. Graña (CEA-Saclay, France)
- E. Herscovich (Université Grenoble Alpes, France)
- S.M. Iguri (IAFE, Argentina)
- X. de la Ossa (Oxford University, UK)
- M.O. Ronco (Universidad de Talca, Chile)
- A. Solotar (UBA, Argentina)
- D. Waldram (Imperial College, UK)

Scientific coordinators

- E. Herscovich (Université Grenoble Alpes, France),
- S.M. Iguri (IAFE, Argentina)

Collaborators

- Y. Cagnacci (IAFE, Argentina)
- N. Kovensky (South Hampton, UK)
- E. Lescano (IAFE, Argentina)
- P. Zadunaisky (UBA, Argentina)

Important dates

- Registration closes: July 14th, 2019.
- School begins: October 28th, 2019

Additional information about travel and accommodation grants for students are available at the website of the meeting <http://icas.unsam.edu.ar/hub/cimpa2019/>

