

EIGHTH SUMMER MEETING ON

QUANTUM MECHANICS OF FUNDAMENTAL SYSTEMS

VALDIVIA, CHILE
JANUARY 12-18, 2012

Among the topics to be covered are:

Electric-magnetic duality
Microscopic origin of the structure of the Universe
Hyperbolic Kac-Moody algebras and quantum gravity
Maximal supersymmetry
Gravity and the geometrization of turbulence

Lecturers include:

Luis Alvarez-Gaumé (Geneva)
Riccardo Argurio (Brussels)
Costantin Bachas (Paris)
Glenn Barnich (Brussels)
Lars Brink (Gothenburg)
Claudio Bunster (Valdivia)
Anamaria Font (Caracas)
Andrés Gomberoff (Santiago)
Marc Henneaux (Brussels)
Christopher Hull (London)
Bernard Julia (Paris)
Viatcheslav Mukhanov (Munich)
Yaron Oz (Tel Aviv)
Eliezer Rabinovici (Jerusalem)
Pierre Ramond (Gainesville)
Stefan Theisen (Potsdam)
Jorge Zanelli (Valdivia)

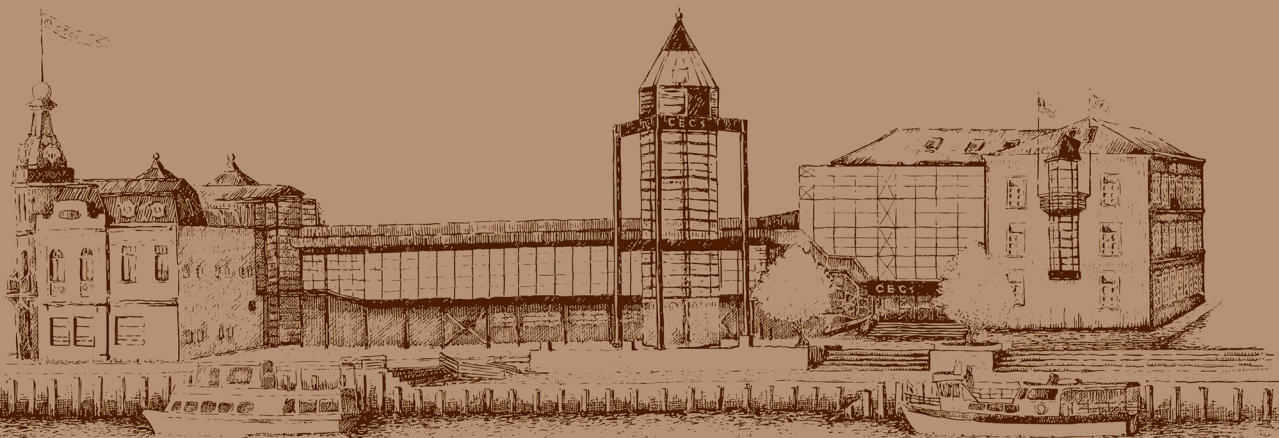
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Organizers: Claudio Bunster (Centro de Estudios Científicos), Andrés Gomberoff (U. Andrés Bello), Marc Henneaux (Solvay Institutes).

The meeting is addressed to researchers and graduate students. Participation is by invitation only. Grants-in-aid will be available for all accepted students. Applications may be found in www.cecs.cl/qmfs-viii



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