POETIC 2013

Physics Opportunities at an ElecTron Ion Collider

March 4-8, 2013, Valparaíso, Chile

Scope

The workshop will cover topical issues at the frontiers of hadron structure and interaction dynamics and explore outstanding questions in these areas and in related fields. The topics discussed will include QCD at high parton densities and small x evolution, the properties of colored probes in cold and hot nuclear matter, helicity distributions, transverse momentum dependent parton distributions (TMDs), generalized parton distributions (GPDs), multi-parton correlations, beyond the Standard Model physics, connections to other areas in physics, and novel theoretical developments.

International advisory committee

Elke-Caroline Aschenauer
Markus Diehl
Max Klein
Wally Melnitchouk
Anthony Thomas
Raju Venugopalan

Local organizing committee

William Brooks
Boris Kopeliovich
Ivan Schmidt
Alison Sherman (Conference Secretary)

Previous workshops in this series:

Cape Town, South Africa (February 2012)
Bloomington, IN, USA (August 2012)

Location

The Workshop will be held at the picturesque campus of the Technical University Federico Santa María. The location of the workshop offers its own unique backdrop. The UNESCO Historic Quarter, the Seaport of Valparaíso, is famous for its hills, late 19th century architecture, and public elevators that lead to spectacular views of the bay. Neighboring Viña del Mar offers long beaches and beautiful gardens.