

# **TRR110 Workshop - Amplitudes for Three-Body Final States**

**Wednesday, July 11, 2018 - Friday, July 13, 2018**

**MIAPP**

## **Scientific Program**

Meson-Meson scattering

**Jacobo Ruiz de Elvira (Bern)**

Dispersive analysis for  $\pi K$

**Bachir Moussallam (Paris)**

Isospin and chiral symmetries in  $D \rightarrow K \pi \pi$  amplitudes in the Khuri-Treiman formalism

**Stefan Ropertz (Bonn)**

Extensions of pion form factors beyond 1 GeV

**Manoel Robilotta (Sao Paulo)**

KK scattering predictions from  $D^+ \rightarrow K^- K^+ K^+$  decay amplitude

**Bertram Kopf (Bochum - BESS II)**

Coupled Channel Analysis with  $e^+e^-$  and Scattering data

Three-body final states interactions

**Tobias Isken (Bonn)**

Khuri-Treiman for  $\eta'$  decays and  $D^+ \rightarrow K^- \pi^+ \pi^+$

**Bruno El-Bennich (Sao Paulo)**

Parametrisations of hadronic three-body decay amplitudes

**Feng-Kun Guo (Beijing)**

What we learn about the charmed meson spectrum from  $B \rightarrow D \pi \pi$

**Keri Vos (Siegen)**

CP Violation in Multi-body B-decays from QCD Factorization

**Emilie Passemar (Indiana)**

Hadronic tau decays

Experimental Three-body final states interactions

**M. Mikhasenko (Bonn - COMPASS)**

Extraction of resonance parameters in  $3\pi$  systems

**Fabian Krinner (TUM - COMPASS)**

Model-independent analysis in COMPASS

**Jonas Rademacker (Bristol - LHCb)**

LHCb overview on FSI of many-body decays

**Jeremy Dalseno (Santiago de Compostela - LHCb)**

$B \rightarrow 3h$  amplitude analysis in LHCb

**Alexey Garmash (Novosibirsk - Belle)**

Belle results on three-body B decays

**Alexander Austregesilo (Jlab - Gluex)**

Strategy and foreseeable issues in GlueX 3-body analysis