

# **II WORKSHOP ON DIFFRACTIVE PHYSICS AT THE LHC**

**Wednesday 21 September 2011 - Friday 23 September 2011**

**CBPF - Rio de Janeiro**

## **Scientific Programme**

## Invited Speakers

Gilvan Alves - CBPF/CMS Collaboration  
Valentina Avati - CERN/TOTEM Collaboration

Maria Beatriz Gay Ducati - UFRGS

Christophe Royon - CEA-Saclay/ATLAS Collaboration

Edivaldo Santos - UFRJ/AUGER Collaboration

Rainer Schiker - University of Heidelberg/ALICE Collaboration

## Talks

Gilvan Alves - Diffraction at CMS  
Valentina Avati - First results from the TOTEM experiment at the LHC

Paulo Beggio - An eikonal approach for inelastic pp/ppbar collisions

Maria Beatriz Gay Ducati - Diffraction at HERA, Tevatron and LHC

Daniel Fagundes - Elastic differential cross section at 7 TeV and dynamical gluon mass model predictions

Erasmus Ferreira - Tomography of pp and ppbar scattering  
Emerson Luna - Absorptive effects at LHC: the triple-Pomeron vertex scenarios  
Magno Machado - Exclusive production of exotic mesons at the LHC

Marcos Rodriguez - Exotic quark production at LHC in the minimal supersymmetric 3-3-1 model  
Christophe Royon - Anomalous coupling between photon and W/Z boson and the AFP project  
Edivaldo Santos - Latest results from the Pierre Auger Observatory

Werner Sauter - Extra dimensions searches in central exclusive production  
Rainer Schiker - Central diffraction in ALICE

## Posters

Paulo Silva - Analytical parametrization for total cross sections