

# DIFFRACTION AND GLUON SATURATION AT THE LHC AND THE EIC

## Goal:

The general scientific goal of this workshop addresses the high gluon density regime of QCD to observe saturation and diffractive production at the Large Hadron Collider (LHC) and the Electron-Ion Collider (EIC) being built in the US at BNL.

## ORGANIZERS

- Christophe Royon (University of Kansas, Lawrence, USA)
- Martin Hentschinski (Universidad de Las Americas Puebla)
- Augustin Sabio Vera (Universidad Autonoma de Madrid)
- Soeren Schlichting (University of Bielefeld)
- Abhay Deshpande (Stony Brook University)

## KEYNOTE SPEAKERS

C. Baldenegro (The University of Kansas), S. Benic (University of Zagreb), L. Beresford (DESY), A. Bylinkin (University of Bergen), C. A. Casuga (University of Jyväskylä), G. Chachamis (LIP Lisbon & UPNA), T. Csorgo (MATE Institute of Technology KRC, Gyongyos and Wigner RCP, Budapest), D. Ernani Martins Neto (IFJ - PAN Kraków), M. Fucilla (Laboratoire de Physique des 2 Infinis Irène Joliot-Curie IJCLab, Université Paris Saclay), M. Hentschinski (Universidad de Las Americas Puebla), E. Iancu (IPhT Saclay), G. M. Innocenti (CERN), R. McNulty (University College Dublin), V. Khoze (IPPP, Durham University), M. Kim (UC Berkeley), G. Krintiras (The University of Kansas), K. Kutak (IFJ PAN), T. Lappi (University of Jyväskylä, Jyväskylä), H. Mäntysaari (University of Jyväskylä), F. Nemes (CERN), A. Papa (Università della Calabria & INFN-Cosenza), J. Penttala (UCLA), M. Pitt, C. Royon (The University of Kansas), A. Sabio Vera (University Autonomy de Madrid), A. Stasto (Penn State), N. Strangmann (Goethe University Frankfurt), I. Szanyi (MATE KRC, University of Kansas, Eötvös University), D. Triantafyllopoulos (ECT\*), Yuan (Lawrence Berkeley National Laboratory)

## Incoming Director of ECT\*: Professor Ubirajara van Kolck

The ECT\* is part of the Fondazione Bruno Kessler. The Centre is funded by the Autonomous Province of Trento, funding agencies of EU Member and Associated states, and by INFN-TIFPA and has the support of the Department of Physics of the University of Trento.  
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