



istanbul matematiksel bilimler merkezi
istanbul center for mathematical sciences

A MINI WORKSHOP ON STRING DUALITIES

9:30-10:30 Edvard Musaev (Moscow Institute of Physics and Technology)

Introduction to non-Abelian T-dualities

10:30-10:45 Break

10:45-11:45 Aybike Çatal-Özer (Istanbul Technical University)

New supergravity solutions via string dualities

11:45-13:30 Lunch

13:30-14:15 Ilya Bakhmatov (Institute for Theoretical and Mathematical Physics, Moscow)

Non-Abelian fermionic T-duality

14:15-14:30 Break

14:30-15:15 Kirill Gubarev (Moscow Institute of Physics and Technology)

Polyvector deformations in eleven-dimensional supergravity

15:15-16:00 Emine Diriöz (Istanbul Technical University)

$Pin(d,d)$ covariance of pure spinor equations for supersymmetry and non-Abelian T-duality

Organizers: Aybike Çatal-Özer (Istanbul Technical University) & Nihat Sadık Değer (Boğaziçi University)

Date : Wednesday, January 5, 2022

Place: IMBM, Boğaziçi University South Campus