

# New Trends in High-Energy and Low-x Physics



Sfântu Gheorghe, Romania



Green Village Resort



September 2-5, 2024



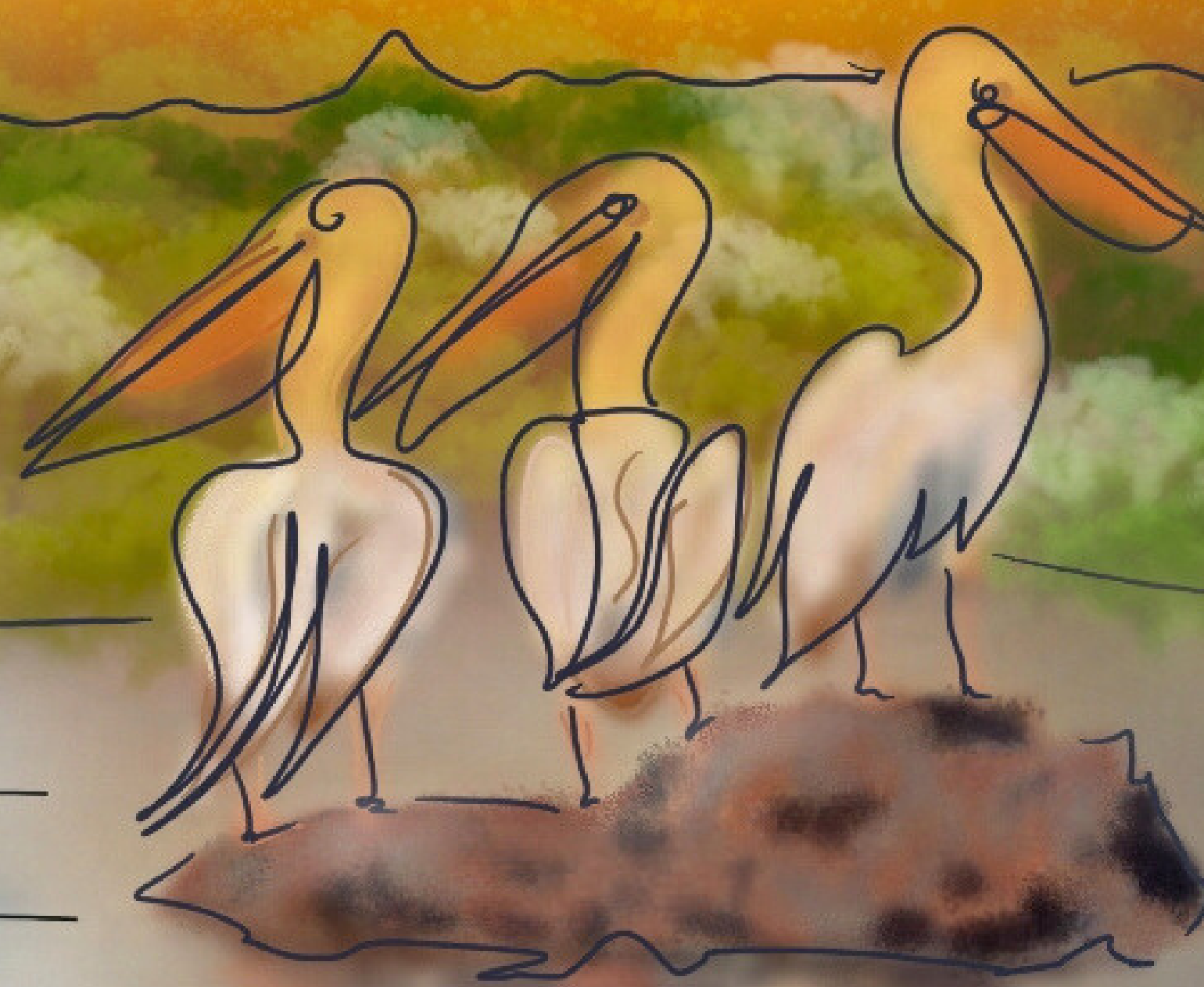
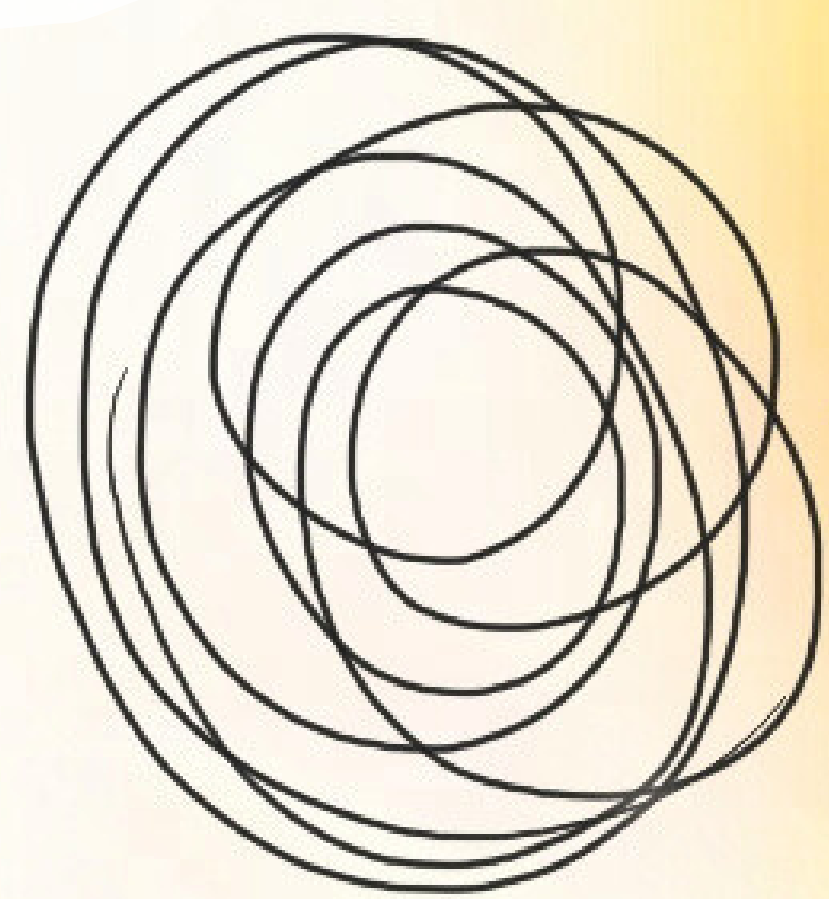
<https://indico.cern.ch/event/1353482/>

**New Trends in High-Energy and Low-x Physics** is dedicated to exploring cutting-edge developments in high-energy physics, with a specific focus on:

- Physics at the LHC
- The Standard Model and beyond; neutrino physics
- Elastic and diffractive scattering of hadrons and nuclei
- Spin & polarization
- Deep inelastic scattering and multiparticle dynamics
- Nuclear matter at extreme conditions; physics at NICA and FAIR
- Advances in quantum field theory, confinement, condensed matter
- Non-accelerator physics, cosmic rays
- Astroparticle physics, gravitation and cosmology
- Computing for Large Scale Accelerator Facilities
- New detector, data analyses technique and nuclear safety
- Heavy Ion physics at LHC and EIC
- Low-x , PDFs and Handronic final states
- QCD and Saturation

## Organizing committee

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