

Phenomenology at WIS

NYUAD and WIS Collaboration videoconference

22 December 2020

People

- Faculty:
 - Kfir Blum, Yossi Nir, Gilad Perez
- Postdocs:
 - Marco Gorghetto, Eric Madge, Oleksii Matsedonskyi, Jiang Minyuan
- PhD students:
 - Shahaf Aharony, Abhishek Banerjee, Nitsan Bar, Oz Davidi, Inbar Savoray, Aviv Shalit, Luca Teodori, Yehonatan Viernik
- MSc students:
 - Federico De Vito Halevy*, Jovan Markov, Sanjay Mathai*, Somasundaram Sankaranarayanan, Yogev Shpilman
- Long term visitors:
 - Yuval Grossman, Ben Pecjak

Kfir Blum

- Dark Matter
- Antimatter in cosmic rays
- Neutrinos as probes of supernovae
- Coalescence in ALICE

Yossi Nir

- Electroweak baryogenesis
- Neutrinos as probes of ULDM
- Flavor physics and CP violation
- Gender in physics

Gilad Perez

- Relaxion physics
- Searching for new forces with atomic spectroscopy
- Higgs and flavor physics
- Dark matter