

3rd Annual N-PACT Meeting

UiO, 5–6 August 2019

Programme

Monday

12.00-13.00	Lunch
13.00-13.40	Anders Kvellestad: How to look for patterns in the LHC data: Large-scale collider fits
13.40-14.20	Odd Magne Øgreid: Symmetries in the two-Higgs Doublet Model
14.20-15.00	Torsten Bringmann: Searching for sub-GeV dark matter in current underground laboratories
15.00-15.30	Coffee
15.30-17.00	Discussion session: Joint courses across universities
19.00-	Dinner

Tuesday

09.30-10.00	Coffee
10.00-10.40	Alexander Rothkopf: Towards in-medium quarkonium from first principles
10.40-11.20	Konrad Tywoniuk: The space-time evolution of QCD jets in heavy-ion collisions
11.20-12.00	Anders Tranberg: Complex ways of doing real-time quantum (field) dynamics
12.00-13.00	Lunch
13.00-13.40	Jeriek Van den Abeele: High reheating temperatures in gravitino dark matter scenarios
13.40-14.20	Alex Bentley Nielsen: Gravitational waves and fundamental physics
14.20-15.00	Nils-Erik Bomark: Can 1st year bachelor students understand gauge theory and the role of the Higgs?
15.00-15.30	Coffee
15.30-15.50	Jonas Tjemsland: Alternative coalescence model for deuteron, tritium, helium-3 and their antinuclei
15.50-16.10	Jon Erling Vembe: Lattice Monte Carlo and phase transitions in scalar field theories
16.10-17.00	Discussion session: Increasing funding opportunities

List of Participants

Name	Affiliation
Mark Bogers	University of Stavanger
Nils-Erik Bomark	University of Agder
Lasse Braseth	University of Oslo
Torsten Bringmann	University of Oslo
Vebjørn Træet Gilberg	University of Oslo
Anders Kvellestad	Imperial College/University of Oslo
Alex Bentley Nielsen	University of Stavanger
Are Raklev	University of Oslo
Alexander Rothkopf	University of Stavanger
Jonas Tjemsland	NTNU
Anders Tranberg	University of Stavanger
Konrad Tywoniuk	University of Bergen
Jeriek Van den Abeele	University of Oslo
Jon Erling Vembe	University of Stavanger
Odd Magne Øgreid	Western Norway University of Applied Sciences