

# N-PACT 2023 Program

## Monday 7 August

12:00-13:00	Lunch & welcome
13:00-13:30	<b>Searches for gravitational waves</b> Alex Nielsen (UiS)
13:30-14:00	<b>Gravitational lensing / EYMH cosmology</b> Ben Normann (NTNU)
14:00-14:30	<b>Using Feynman diagrams to compute the influence of additional fields on gravitational wave sources</b> Vegard Undheim (UiS)
14:30-15:00	Coffee break
15:00-16:00	<b>QCD in cores of neutron stars</b> Oleg Komoltsev (UiS)
19:00-	<b>Social dinner (optional)</b>

## Tuesday 8 August

10:00-10:30	<b>GAMBIT-light</b> Anders Kvellestad (UiO)
10:30-11:00	<b>Physics Learning Using Machines and Bayesian INference (PLUMBIN')</b> Are Raklev (UiO)
11:00-11:30	<b>Universality of jet energy loss in the quark-gluon plasma using Bayesian inference</b> Alexandre Falcao (UiB)
11:30-12:00	<b>The ultraviolet myth</b> Nils-Erik Bomark (UiA)
12:00-13:00	Lunch
13:00-14:00	Discussion
14:00-14:30	Coffee break
14:30-15:00	<b>Instabilities in Anisotropic Non-Abelian gauge fields</b> Divyarani Chandrababu Geetha (UiS)
15:00-15:30	<b>A variational approach to discretised initial value problems</b> Alexander Rothkopf (UiS)
15:30-16:00	<b>The Mathematics of Higher Symmetries</b> Eirik Eik Svanes (UiS)
16:00-16:15	<b>Summary and way forward</b>