

**Session Program**

**2-7 Jan 2018**

**Spåtind 2018 - Nordic Conference on Particle  
Physics**

***Lightning talks and "Kos"***

Skeikampen, Norway  
Hotellvegen 3, 2652 Svingvoll, Norway

# Friday 5 January

20:45

## Lightning talks and "Kos"

**Session** | **Location:** Skeikampen, Norway, Hotellvegen 3, 2652 Svingvoll, Norway | **Conveners:** Eirik Gramstad, James Catmore

20:45–20:50

### Enhancing detectability of tri-lepton signatures of Tau-Sneutrino NLSP using machine learning

**Speaker**

Mr Daniel Alvestad

20:55–21:00

### Measurement of $B^0_s \rightarrow \psi(2S) \phi$ / $B^0_s \rightarrow J/\psi \phi$ ratio

**Speaker**

Haakon Midthun Kolstoe

21:05–21:10

### Small-scale intragalactic dark halos and gravitational microlensing

**Speaker**

August Geelmuyden

21:15–21:20

### CHY amplitudes and high N-point amplitudes

**Speaker**

David Froelund Damgaard

21:25–21:30

### Environmentally-induced decoherence in IceCube

**Speaker**

Mr Mikkel Jensen

21:35–21:40

### Top mass with template fits in the di-lepton channel at 13TeV

**Speaker**

Rosanna Ignazzi

21:45–21:50

### Using Machine Learning to improve particle identification in the ATLAS experiment.

**Speaker**

Stefan Dahl Hasselgren

22:45