

Session Program

2-7 Jan 2016

**Spåtind 2016 - Nordic Conference on Particle
Physics**

Invited talks

Skeikampen, Norway
Hotellvegen 3, 2652 Svingvoll, Norway

Sunday 3 January

09:00

Invited talks: Higgs Precision Measurements

Session | **Location:** Skeikampen, Norway, Hotellvegen 3, 2652 Svingvoll, Norway | **Convener:** Wouter Verkerke

09:00–09:45 **Higgs precision measurements lecture 1**

Speaker

Wouter Verkerke

09:45

09:45

Invited talks: Physics of the Big Bang

Session | **Location:** Skeikampen, Norway, Hotellvegen 3, 2652 Svingvoll, Norway | **Convener:** Mark Hindmarsh

09:45–10:30 **Physics of the Big bang lecture 1**

Speaker

Mark Hindmarsh

10:30

15:30

Invited talks: Dark Matter Detection

Session | **Location:** Skeikampen, Norway, Hotellvegen 3, 2652 Svingvoll, Norway | **Convener:** Stephen West

15:30–16:15 **Dark matter detection 1**

Speaker

Stephen West

16:15

16:15

Invited talks: QCD / Ultra-Relativistic Heavy-Ion Collisions

Session | **Location:** Skeikampen, Norway, Hotellvegen 3, 2652 Svingvoll, Norway | **Convener:** Raju Venugopalan

16:15–17:00 **QCD / heavy ions 1**

Speaker

Raju Venugopalan

17:00

Monday 4 January

09:00

Invited talks: Physics of the Big Bang

Session | **Location:** Skeikampen, Norway, Hotellvegen 3, 2652 Svingvoll, Norway | **Convener:** Mark Hindmarsh

09:00–09:45 **Physics of the Big Bang lecture 2**

Speaker

Mark Hindmarsh

09:45

09:45

Invited talks: Dark Matter Detection

Session | **Location:** Skeikampen, Norway, Hotellvegen 3, 2652 Svingvoll, Norway | **Convener:** Stephen West

09:45–10:30 **Dark Matter Detection lecture 2**

Speaker

Stephen West

10:30

15:30

Invited talks: Higgs Precision Measurements

Session | **Location:** Skeikampen, Norway, Hotellvegen 3, 2652 Svingvoll, Norway | **Convener:** Wouter Verkerke

15:30–16:15 **Higgs Precision Measurements lecture 2**

Speaker

Wouter Verkerke

16:15

16:15

Invited talks: QCD / Relativistic Heavy-Ion Collisions

Session | **Location:** Skeikampen, Norway, Hotellvegen 3, 2652 Svingvoll, Norway | **Convener:** Raju Venugopalan

16:15–17:00 **QCD, heavy ions lecture 2**

Speaker

Raju Venugopalan

17:00

Tuesday 5 January

09:00

Invited talks: Searches for BSM Physics

Session | **Location:** Skeikampen, Norway, Hotellvegen 3, 2652 Svingvoll, Norway | **Convener:** Prof. Freya Blekman

09:00–09:45

Searches for BSM Physics lecture 1

Speaker

Prof. Freya Blekman

09:45

09:45

Invited talks: Particle Physics Phenomenology

Session | **Location:** Skeikampen, Norway, Hotellvegen 3, 2652 Svingvoll, Norway | **Convener:** Mads Toudal Frandsen

09:45–10:30

Particle Physics Phenomenology lecture 1

Speaker

Mads Frandsen

10:30

15:30

Invited talks: Proton Therapy

Session | **Location:** Skeikampen, Norway, Hotellvegen 3, 2652 Svingvoll, Norway | **Convener:** Sytze Brandenburg

15:30–16:15

Proton therapy

Speaker

Sytze Brandenburg

16:15

16:15

Invited talks: Physics of the Big Bang

Session | **Location:** Skeikampen, Norway, Hotellvegen 3, 2652 Svingvoll, Norway | **Convener:** Mark Hindmarsh

16:15–17:00

Physics of the Big Bang, lecture 3

Speaker

Mark Hindmarsh

17:00

Wednesday 6 January

09:00

Invited talks: ESS / n - \bar{n} Oscillations

Session | **Location:** Skeikampen, Norway, Hotellvegen 3, 2652 Svingvoll, Norway | **Convener:** David Anthony Milstead

09:00–09:45 **ESS / n - \bar{n} Oscillations**

Speaker

David Anthony Milstead

09:45

09:45

Invited talks: Particle Physics Phenomenology

Session | **Location:** Skeikampen, Norway, Hotellvegen 3, 2652 Svingvoll, Norway | **Convener:** Mads Toudal Frandsen

09:45–10:30 **Particle physics phenomenology lecture 2**

Speaker

Mads Frandsen

10:30

15:30

Invited talks: Searches for BSM Physics

Session | **Location:** Skeikampen, Norway, Hotellvegen 3, 2652 Svingvoll, Norway | **Convener:** Prof. Freya Blekman

15:30–16:15 **Searches for BSM physics lecture 2**

Speaker

Prof. Freya Blekman

16:15

16:15

Invited talks: Education and Outreach session

Session | **Location:** Skeikampen, Norway, Hotellvegen 3, 2652 Svingvoll, Norway

16:15–16:35 **LHC discoveries and particle physics concepts for education**

Speaker

Farid Ould-Saada

16:40–17:00

Physics concepts and education related to LHC-physics seen by a high school teacher and masterclass author

Speakers

Maiken Pedersen, Maiken Pedersen

17:00