

**PhD Talks 2020**

# **Report of Contributions**

Contribution ID: 0

Type: **not specified**

# **Spectroscopic investigation of Al I for astrophysical applications**

*Wednesday, 5 February 2020 11:00 (20 minutes)*

**Presenter:** BURHEIM, Madeleine

**Session Classification:** Astro

Contribution ID: 1

Type: **not specified**

## **Clues to galaxy evolution from chemical abundances of stars in the Galactic centre**

Contribution ID: 2

Type: **not specified**

## How runaway stars change galaxies

*Wednesday, 5 February 2020 11:20 (20 minutes)*

**Presenter:** ANDERSSON, Eric

**Session Classification:** Astro

Contribution ID: 3

Type: **not specified**

## **Early formation history of the Milky Way as revealed by high-velocity stars**

*Wednesday, 5 February 2020 11:40 (20 minutes)*

**Presenter:** SAHLHOLDT, Christian

**Session Classification:** Astro

Contribution ID: 4

Type: **not specified**

## **Constructing Energy Landscapes of Logical Gene Networks**

**Presenter:** ANDERSSON, Emil

Contribution ID: 5

Type: **not specified**

## Finite-size scaling of protein droplet formation

*Tuesday, 4 February 2020 11:00 (20 minutes)*

**Presenter:** NILSSON, Daniel

**Session Classification:** CBBP

Contribution ID: 6

Type: **not specified**

## **Motif discovery for DNA maps with structural variations**

*Tuesday, 4 February 2020 11:20 (20 minutes)*

**Presenter:** DVIRNAS, Albertas

**Session Classification:** CBBP



Contribution ID: 7

Type: **not specified**

# **The fate and formation of planetesimals at planetary gap-edges**

*Tuesday, 4 February 2020 12:00 (20 minutes)*

**Presenter:** ERIKSSON, Linn

**Session Classification:** Astro

Contribution ID: 8

Type: **not specified**

## **Dust clearing by radial drift in evolving protoplanetary disks**

*Tuesday, 4 February 2020 11:40 (20 minutes)*

**Presenter:** APPELGREN, Johan

**Session Classification:** Astro

Contribution ID: 9

Type: **not specified**

## **An introduction to event generators for pp and AA collisions**

*Wednesday, 5 February 2020 09:00 (20 minutes)*

**Presenter:** LUNDBERG, Torbjörn

**Session Classification:** THEP

Contribution ID: **10**

Type: **not specified**

## Calculating Scattering Probabilities Using the Chirality Flow Method

*Wednesday, 5 February 2020 09:20 (20 minutes)*

**Presenter:** LIFSON, Andrew

**Session Classification:** THEP

Contribution ID: 11

Type: **not specified**

## Scale and Scheme Variations in NLO Merging

*Wednesday, 5 February 2020 09:40 (20 minutes)*

**Presenter:** GELLERSEN, Leif

**Session Classification:** THEP

Contribution ID: 12

Type: **not specified**

## Novelties of Lund strings in Heavy Ion Collisions

*Wednesday, 5 February 2020 10:20 (20 minutes)*

**Presenter:** CHAKRABORTY, Smita

**Session Classification:** THEP

Contribution ID: 13

Type: **not specified**

## Hadronic rescattering in PYTHIA

*Wednesday, 5 February 2020 10:00 (20 minutes)*

**Presenter:** UTHEIM, Marius

**Session Classification:** THEP

Contribution ID: 14

Type: **not specified**

## Effective Field Theories and Phenomenology

*Wednesday, 5 February 2020 12:00 (20 minutes)*

**Presenter:** SJO, Mattias

**Session Classification:** THEP



Contribution ID: 15

Type: **not specified**

## **Precision calculations in high energy particle collisions**

*Wednesday, 5 February 2020 12:20 (20 minutes)*

**Presenter:** VITOS, Timea

**Session Classification:** THEP

Contribution ID: 16

Type: **not specified**

## Introduction to Gaia and its Celestial Reference Frame

*Tuesday, 4 February 2020 09:00 (20 minutes)*

**Presenter:** VAHER, Eero

**Session Classification:** Astro

Contribution ID: 17

Type: **not specified**

## **Stellar cluster evolution and galactic orbits**

*Tuesday, 4 February 2020 09:20 (20 minutes)*

**Presenter:** JORGENSEN, Timmi

**Session Classification:** Astro

Contribution ID: **18**

Type: **not specified**

## **Velocity distribution of Gaia stars without radial velocities**

*Tuesday, 4 February 2020 09:40 (20 minutes)*

**Presenter:** MIKKOLA, Daniel

**Session Classification:** Astro

Contribution ID: 19

Type: **not specified**

## **Resolving the nature of the HR 1614 moving group**

*Tuesday, 4 February 2020 10:00 (20 minutes)*

**Presenter:** KUSHNIRUK, Iryna

**Session Classification:** Astro

Contribution ID: 20

Type: **not specified**

## Searching for the Monoceros Ring

*Tuesday, 4 February 2020 10:20 (20 minutes)*

**Presenter:** FORSBERG, Rebecca

**Session Classification:** Astro