

## **Session Program**

**4-5 Feb 2020**

## **PhD Talks 2020**

### ***Astro***

Faculty of Science, Lundmarksalen  
Sölvegatan 27

## Tuesday 4 February

09:00

### Astro: Gaia data and kinematic structure of the Galaxy

**Session** | **Location:** Faculty of Science, Lundmarksalen, Sölvegatan 27

09:00–09:20 **Introduction to Gaia and its Celestial Reference Frame**

**Speaker**

Eero Vaher

09:20–09:40 **Stellar cluster evolution and galactic orbits**

**Speaker**

Timmi Jorgensen

09:40–10:00 **Velocity distribution of Gaia stars without radial velocities**

**Speaker**

Daniel Mikkola

10:00–10:20 **Resolving the nature of the HR 1614 moving group**

**Speaker**

Iryna Kushniruk

10:20–10:40 **Searching for the Monoceros Ring**

**Speaker**

Rebecca Forsberg

10:40

11:40

### Astro: Planet formation and evolution

**Session** | **Location:** Faculty of Science, Lundmarksalen, Sölvegatan 27

11:40–12:00 **Dust clearing by radial drift in evolving protoplanetary disks**

**Speaker**

Johan Appelgren

12:00–12:20 **The fate and formation of planetesimals at planetary gap-edges**

**Speaker**

Linn Eriksson

12:20

## Wednesday 5 February

11:00

### **Astro: Galactic evolution and star formation**

**Session** | **Location:** Faculty of Science, Lundmarksalen, Sölvegatan 27

11:00–11:20 **Spectroscopic investigation of AI I for astrophysical applications**

**Speaker**

Madeleine Burheim

11:20–11:40 **How runaway stars change galaxies**

**Speaker**

Eric Andersson

11:40–12:00

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

**Speaker**

Christian Sahlholdt

12:00