

Astronomdagarna 2019  
Programme as of 14 June. Details may change.

**Thursday, October 24**

Morning: Meeting of *Female Astrophysicists Network Sweden* (FANS). To participate, contact:  
Sofie.Liljegren@physics.uu.se

12:30 Welcome. Jesper Sollerman: *The Swedish Astronomical Society*  
12:50 Invited: Jens Jasche (SU OKC): *Large-scale dynamics of the Universe*  
13:10 Joel Johansson (UU): *Four ways of looking at a supernova: resolving the multiple images of iPTF16geu*  
13:25 Mattia Bulla (Nordita): *Electromagnetic counterparts of gravitational-wave events: linking models to observations*  
13:40 Ana Sagues Carrecedo (SU OKC): *Detectability of Kilonovae with Zwicky Transient Facility*  
13:55 Dennis Alp (KTH): *X-Ray and Gamma-Ray Emission from Core-collapse Supernovae*  
14:10 Poster presentations #1  
14:40 Historical flashback #1: *Swedish astronomy in 1919*  
14:45 ——— **Coffee** ———  
15:15 **Manne Siegbahn Lecture**: Fiona Harrison (Caltech)  
16:00 Reception, posters  
Open house at *Vetenskapens hus* – the House of Science: *Astronomy activities for schools and other fun things*

**Friday, October 25**

09:00 Invited: Sofia Ramstedt (UU): *Binary interaction in evolved stars studied with ALMA*  
09:20 Sara Bladh (UU): *Mass loss in metal-poor AGB stars*  
09:35 Andreas Korn (UU): *New abundances for old stars*  
09:50 Sven Buder (MPIA Heidelberg / ANU Canberra): *Chemodynamic Exploration of the Milky Way with Large Stellar Surveys*  
10:05 Poster presentations #2  
10:45 Historical flashback #2: *The first female academic astronomers*  
10:50 ——— **Coffee** ———  
11:20 Invited: Jaime de la Cruz Rodríguez (SU ISP): *Chromospheric heating of the Sun*  
11:40 Carlos José Díaz Baso (SU ISP): *Deep Learning in Solar Physics*  
11:55 Dan Kiselman (SU ISP): *The European Solar Telescope*  
12:10 Karin Lind (SU Astronomy): *Modelling the Ca II NIR triplet in stellar spectra*  
12:25 Sara Rezaei (CTH / MPIA): *3D map of the dust distribution towards the Orion-Eridanus superbubble with Gaia DR2*  
12:40 Tanja Nymark (VH) / Urban Eriksson (Högskolan i Kristianstad): *The Star-Spotting Experiment - Measuring Light Pollution*  
12:55 ——— **LUNCH** ———  
14:30 Invited: Carina Persson (CTH): *On exoplanets and the CHEOPS mission*  
14:50 Michiel Lambrechts (LU): *How the radial pebble flux determines a terrestrial-planet or super-Earth growth mode*  
15:05 Alexander Mustill (LU): *White dwarfs and dead planetary systems*  
15:20 Eva Wirstrom, Per Bjerkeli (CTH): *Water on the Galilean moons as observed with JUICE/SWI: 3D radiative transfer predictions*  
15:35 Katrin Ros (LU): *Icy pebble growth at the water ice line in protoplanetary discs*  
15:50 Historical flashback #3: *How to get famous – Swedish names in space*  
15:55 ——— **Coffee** ———  
16:25 Invited: Emilyya Yordanova (IRF-U): *On space weather*  
16:45 Invited: Simona Pirani (LU): *The early migration of Jupiter*  
17:05 Brian Thorsbro (LU): *Clues to galaxy formation from chemical abundances of stars in the Galactic center*  
17:20 Jouni Kainulainen (CTH): *Towards a new generation of star formation rate models*  
17:35 Jonathan C. Tan (CTH): *Formation of Supermassive Black Holes in the Early Universe*  
17:50 ——— **END** ———  
18:30 Dinner

P.T.O.

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**Saturday, October 26**

09:30 Välkomna till Svenska astronomiska sällskapets 100-årsfirande

Inbjuden: Johan Kärfelt (GU): *Ur Svenska astronomiska sällskapets historia*

Erik Zackrisson (UU): *Virtual reality, gamification och spelbaserad inläring i astronomiundervisning*

Cecilia Kozma (VH): *Stockholms gamla observatorium som en utbildningsresurs*

Utdelning av Rosa Tengborgs ungdomsstipendium. Presentationer av stipendiaterna.

11:35 ——— **LUNCHPAUS** ———

13:00 Inbjuden: Gustav Holmberg (GU): *Svensk amatörastronomi under 100 år*

Ett antal bidrag om amatörastronomi

Utdelning av bidrag från Planetariefonden. Presentation av projekt.

14:30 Kaffe och 100-årsfirande

15:30 **Nordenmarkföreläsningen 2019**. Gabriella Stenberg Wieser (IRF-K)

16:30 ——— **SLUT** ———