

Department of Astrophysics Seminar

The Department of Astrophysics Seminar (DAS) or 'Institute Seminar' will take place, during the winter semester 2019 every **Friday at 11:30 in the Hörsaal**.

Each seminar consists of two informal presentations of ~25 min each with 10-15 min talk plus 5-10 min discussion (during and/or after presentation). In addition to a title slide, there should be no more than 5 slides, including one introductory slide for the "general" audience.

Since PhD students attend as part of their obligatory 'PhD Seminar', they have priority over other speakers from the Department of Astrophysics. Occasionally guests can take free slots.

Currently, the DAS organisers are:

Glenn van de Ven	glenn.vandeven@univie.ac.at
Joao Alves	joao.alves@univie.ac.at
Christine Ackerl	christine.ackerl@univie.ac.at
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The current schedule with date, name, and (preliminary) title:

Date	Name	Title
WS2019	11:30 in Hörsaal	
04.10.2019	1. Thomas Maindl 2. Thomas Maindl	1. How it works in industry 2. Collision simulations for the NASA DART and ESA HERA asteroid deflection missions
11.10.2019	1. Stefan Wallner 2. Benjamin Boizelle (Texas A&M Univ.)	1. Measuring and modelling night sky brightness - The impact of light pollution (Fakultätsöffentliche Präsentation) 2. Precision Black Hole Mass Measurement with ALMA
18.10.2019	1. Gabor Herbts-Kiss? 2. TBD	1. Dust in prestellar cores 2. TBD
25.10.2019	1. Karl Hofmann 2. Michael Steinberger	1. Hardware Development for ESA Missions Smile and Plato 2. Hardware Development for ESA Missions Smile and Plato
01.11.2019 Allerheiligen	1. - 2. -	1. - 2. -
08.11.2019	1. Philip Winter 2. Asmus Boehm	1. Opportunities of Deep Learning in Astronomy 2. What we can learn from the kinematics of distant galaxies
15.11.2019	1. TBD 2. TBD	1. TBD 2. TBD
22.11.2019	1. Bastian Sander 2. Sabine Thater	1. Interstellar clouds in a hot plasma: Multiphysical processes in high-velocity clouds 2. The interplay between massive black holes and their host galaxies
29.11.2019	1. TBD 2. TBD	1. TBD 2. TBD
06.12.2019	1. TBD 2. TBD	1. TBD 2. TBD
13.12.2019	1. TBD 2. TBD	1. TBD 2. TBD
20.12.2019	1. TBD 2. TBD	1. TBD 2. TBD

27.12.2019	1. -	1. -
X-mas break	2. -	2. -
03.01.2020	1. -	1. -
X-mas break	2. -	2. -
10.01.2020	1. TBD 2. TBD	1. TBD 2. TBD
17.01.2020	1. TBD 2. TBD	1. TBD 2. TBD
24.01.2020	1. TBD 2. TBD	1. TBD 2. TBD
31.01.2020	1. TBD 2. TBD	1. TBD 2. TBD

Date	Name	Title
SS2019	11:30 in Seminarraum 1	
19.03.2019	1. Glenn van de Ven 2. Glenn van de Ven & Ernst Dorfi	1. Dynamical re-construction of galaxies 2. Department of Astrophysics Seminar (DAS): introduction and discussion
26.03.2019	1. Josefa Groszschedl 2. Elke Pilat-Lohinger	1. Orion A with Gaia DR2: How 3D changes everything 2. The influence of dynamics on the habitability of planets
02.04.2019	1. Verena Fürnkranz 2. Stefan Meingast	1. Like ships in the night: the Coma Berenices neighbor moving group 2. Extended stellar systems in the solar neighbourhood with Gaia DR2
09.04.2019	1. Tanja Rindler-Daller 2. Matthias Kühtreiber	1. Cosmology and structure formation of scalar field dark matter 2. A Multi-Phase Gas Description and its Implications for Numerical Models of Dwarf Galaxies
16.04.2019 Easter break	1. - 2. -	1. - 2. -
23.04.2019 Easter break	1. - 2. -	1. - 2. -
30.04.2019	1. Christian Maier 2. TBD	1. Cluster induced star formation quenching inside R200 of massive clusters traced by enhanced metallicities 2. TBD
07.05.2019 (N/A)	1. Roland Ottensamer 2. Rudolf Dvorak & Birgit Loibnegger	1. On-Board Data Reduction in CHEOPS 2. Comets in extrasolar planetary systems
14.05.2019 (N/A)	1. Florian Ragossnig 2. Daniel Steiner	1. Protoplanetary atmospheres 2. Magnetocentrifugal protoplanetary disk winds
21.05.2019 (N/A)	1. Gerhard Hensler 2. Christoph Burger	1. Ram pressure stripping in VESTIGE 2. A hybrid approach for modeling collisional water transport to terrestrial planets

Date	Name	Title
28.05.2019	1. Patrick Steyrleithner 2. Marko Mecina	1. IMF truncation in dwarf galaxies 2. The dusty environments of carbon stars
04.06.2019	1. Gabor Herbst Kiss? 2. Theresa Lueftinger	1. Dust in prestellar cores 2. Stellar activity and its influence on planetary atmospheres
11.06.2019 Pfingstferien	1. - 2. -	1. - 2. -
18.06.2019	1. Birgit Hasenberger 2. Sebastian Ratzböck	1. Molecular cloud cores beyond 2D 2. Machine learning in Astronomy
25.06.2019	1. Nikolaus Heu 2. Muhamed Muminovic	1. Internal angular momentum distribution in main sequence stars (Fakultätsöffentliche Präsentation) 2. Astronomy in Bosnia: From Austro-Hungarian fortress, through war destruction to revival