

Curriculum Vitae

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Postdoctoral positions

Since 09/2020 Marie Skłodowska-Curie postdoc at department for astronomy at University of Virginia (UVa), USA
01/2018 – 08/2020 Postdoc at Zentrum für Astronomie Heidelberg (ZAH), Germany; since 07/2018 as independent postdoctoral fellow

Education

07/2014 – 10/2017 **Ph.D. in astrophysics** (supervisor Åke Nordlund; co-supervisor Troels Haugbølle) at the Center for Star and Planet Formation (StarPlan) and member of the Niels Bohr Institute (NBI), University of Copenhagen, Denmark (*'Accretion processes in star formation – Accounting for different protostellar environments'* graduation date: 09/10/2017)
09/2011 – 03/2014 Master of science in physics at the University of Copenhagen, Denmark (graduation date of thesis graded with A: 26/03/2014)
09/2010 – 06/2011 ERASMUS exchange student in physics at the University of Uppsala, Sweden
10/2008 – 08/2011 Bachelor of science in physics at Freie Universität Berlin, Germany (graduation date: 10/08/2011)

Funding and Awards

02/2020 **Marie Skłodowska-Curie Postdoctoral Grant for 3-year project 'InAndOut'** at UVa in Charlottesville, Virginia, and return phase to MPE Garching (>270 000 €)
05/2018 Prize for **most outstanding PhD thesis in Danish Astronomy in 2017**
02/2018 **DFF International Postdoctoral Grant for 2-year project 'Building the Bridge between Star and Planet Formation'** in Heidelberg (>220 000 €)
09/2016 Co-I EU PRACE computing allocation (22 million CPU-hours)

Further research experience

04/2016 – 07/2016 Visiting Prof. Kengo Tomida at University of Osaka, Japan
04/2015 – 05/2015 Observing at the Danish Telescope in La Silla, Chile, for two weeks

Teaching experience

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| 05/2019 | Replacement lecture for Prof. Dullemond for ‘Physik im Alltag’ (Everyday physics) |
| 02/2016 – 04/2016 | Lecturer in ‘Formation of the Solar System’ at NBI/Geology Department, Copenhagen (two three-hour lectures and five tutorials) |
| 09/2015 – 11/2015 | Teaching assistant in ‘Theoretical Astrophysics’ at NBI, Copenhagen |
| 07/2015 | Teaching assistant in KROME workshop at NBI, Copenhagen |
| 11/2014 – 01/2015 | Teaching assistant in ‘Linear Algebra’ at NBI, Copenhagen |

Invited Talks and Seminars

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| 05/2020 | Invited webinar at European Southern Observatory (ESO) in Garching |
| 02/2020 | Invited speaker at retreat in Bormio, Italy, of DFG research unit transition disk |
| 09/2019 | Invited speaker at Königstuhl Kolloquium at Max Planck Institute for Astronomy (MPIA) , Heidelberg, Germany |
| 06/2019 | Invited speaker at NORDITA program ‘Zoom-In and Out: From the Interstellar Medium to the Large Scale Structures of the Universe’ in Stockholm, Sweden |
| 05/2019 | Invited seminar at NRAO Virginia, USA |
| 02/2019 | Invited seminar at ICREA Barcelona, Spain |
| 09/2018 | Invited visit at University of Leicester, UK |
| 05/2018 | Invited as laureate at Danish Astronomy Meeting in Faaborg, Denmark |
| 06/2017 | Invited speaker to MIAPP-program ‘Protoplanetary Disks and Planet Formation and Evolution’ in Munich, Germany |
| 01/2017 | Invited seminar in Kiel, Germany |
| 09/2016 | Invited speaker at Japan-Germany Workshop on protopl. disks on Ishigaki island, Japan |
| 04/2016 – 05/2016 | Seminars at Japanese Institutes at Kyushu U., Nagoya U., Tokyo Tech and Osaka U. |
| 02/2016 | Astrochemistry Seminar in Leiden, Netherlands |

Selected Contributions at Conferences and Schools

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| 11/2020 | Speaker at e-workshop ‘ <i>Threats from the surroundings</i> ’ |
| 10/2020 | Speaker at online meeting organized by DFG research unit transition disk |
| 11/2019 | Speaker at Harvard-Heidelberg meeting in Cambridge, MA, USA |
| 10/2019 | Speaker at RAMSES User Meeting in Copenhagen, Denmark |
| 06/2019 | Speaker at ‘ <i>From stars to Planets II</i> ’ in Gothenburg, Sweden |
| 06/2019 | Speaker at ‘ <i>Zooming in on star formation</i> ’ in Nafplio, Greece |
| 12/2018 | Speaker at the Heidelberg-Harvard meeting in Heidelberg, Germany |
| 08/2018 | Speaker at ‘ <i>Origins: From the Protosun to the First Steps of Life</i> ’ in Vienna, Austria |
| 02/2018 | Speaker at Kick-Off Meeting of Research Unit Transition Disk |
| 06/2016 | Speaker at Cosmochemistry Conference ‘Goldschmidt’ in Yokohama, Japan |
| 12/2015 – 01/2016 | 33 rd Winter School on Theoretical Physics - ‘ <i>Exoplanets</i> ’ in Jerusalem, Israel |
| 10/2014 | Speaker at ‘ <i>Accretion and Outflows throughout the Scales</i> ’ in Lyon, France |

07/2013 – 08/2013 Astro-Computing Summer School on ‘*Star and Planet Formation*’ in Santa Cruz, USA

Selected outreach and organizational activities

Since 09/2020 Co-organizer of daily astro-ph journal club at UvA

07/2018 Public lecture to about 100 people at ‘Haus der Astronomie’ in Heidelberg

08/2016 – 04/2017 **Organizing an interdisciplinary journal club** at StarPlan

12/2014 – 11/2016 Writing 23 and editing 24 articles **for the website ‘astrobites.org’**

08/2015 – 03/2016 Organizing a weekly astro-ph journal club

10/2013 Initiation of a monthly presentation club for the Master and PhD students at StarPlan

Referee and reviewer

Referee and reviewer for AAS journals and MNRAS

Career breaks in research

02/2019 – 03/2019 Two months sick leave due to concussion

11/2017 – 12/2017 Travel through Chile after PhD and before start of postdoctoral position in Heidelberg

Copenhagen, 22nd October, 2020