

ANDREAS LAGG CV

September 12, 2025

- › **Status:** senior scientist at MPI for Solar System Research (Germany)
- › **Research:** magnetism in the photosphere & chromosphere of the Sun, radiative transfer, inversion methods, solar instrumentation
- › **Tasks:** project management SUNRISE III, leader of the MPS SLAM group
- › **IDs:** ORCID: 0000-0003-1459-7074; Researcher ID: W-8166-2019
- › **Personal:** born: 20-Feb-1968; nationality: Austrian, previous name: Korpi-Lagg



Academic Preparation

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|------|-------------------------|---------------------------------------------------------|
| 1998 | Ph.D. in Physics | MPAe Lindau, Germany & University of Innsbruck, Austria |
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- › *Energetic Particles in the Jovian Magnetosphere: Simulation and Results from the Energetic Particles Detector (EPD) on Board the Galileo Spacecraft*

Professional Experience

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| since 1999 | MPS scnior scientist & staff member | MPAe, Katlenburg-Lindau / MPS, Göttingen |
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- › Since 2019 SUNRISE III project manager
 - › Research group leader 'Solar Lower Atmosphere and Magnetism'
 - › Spectropolarimetry of the solar photosphere and chromosphere: analysis and observations
 - › Development of inversion codes for solar spectro-polarimetry data
 - › Analysis of Cassini MIMI/LEMMS and Galileo EPD data
 - › Development of a high resolution time-of-flight system for the Rosetta orbiter
 - › Planetary department (1999-2000); solar department 2001 - now; permanent contract since 2008
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| 2020-2025 | Research fellow | Aalto University, Computer Science Department, Finland |
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- › Numerical modelling of the solar interior; prediction of magnetic flux emergence
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| 1998 - 1999 | Postdoc researcher | Johns Hopkins University Applied Physics Laboratory, USA |
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- › Space department; analysis and simulation EPD (Galileo spacecraft)

Academic Record (September 12, 2025)

- › acted as supervisor and co-supervisor of 18 PhD students
- › 20+ invited talks at conferences
- › 162 refereed publications (including co-author), 283 total (NASA ADS)
- › number of Citations: 9425
- › h-index: 55; i10-index 145 (according to google scholar)

Award

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|------|------------------------|----------------------------------------------------------|
| 1999 | Honorary member | Johns Hopkins University Applied Physics Laboratory, USA |
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- › Honorary member of the JHUAPL Space Physics Department for achievements in my work on the Jovian magnetosphere