

Résumé

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Education and Training

Ph.D. in Theoretical Physics, University of Gothenburg, Sweden, February 1992

B.Sc. in Physics with a minor in Astronomy, University of Gothenburg, Sweden, 1984.

Swedish army (Engineering Corps) officers' school, 1984 (Rank achieved: Captain [Ret.]

Positions held:

2015-present: *Associate Director for Science Operations, Senior Scientist*, SOFIA, USRA

2007-2015: *Science Operations Manager, Senior Scientist*, SOFIA, USRA

1998-2007 *Research scientist*, The Johns Hopkins University

2005-2007 *FUSE User Support lead and Associate Project Scientist*

1998-2005 *FUSE User Support Officer*

1989-1998: *Member of Technical Staff*, Jet Propulsion Laboratory.

Visiting professor/scientist positions or post-doctoral fellowships at:

USC, UCLA, U. Toledo, Obs. de Paris, UCSC

Research & Science Policy experience:

- Experienced multi-wavelength observer (long-wave radio to γ -rays, using photometry, spectroscopy, polarimetry and interferometry)
- Published over 150 scientific papers, 49 of which in refereed journals, 20 as first author.
- Authored three invited book chapters, including for the Annual Reviews of Astronomy & Astrophysics (first author)
- Principal- or senior co-Investigator on research grants totaling over \$800k
- Member of the Scientific Organizing Committees for three scientific conferences; proceedings editor for two. Lead organizer for several workshop and AAS Special Sessions.
- Initiator and co-editor for 5 White Papers to the 2010 Decadal Survey, 1 to the NRC panel on "Astronomy in the era of LSST" and 1 to the COPAG working group of the 2020 Decadal survey.
- Reviewer/referee for NASA, observatory TACs and the major astronomy journals
- Developed and lectured undergraduate astronomy courses (major and non-major) at U. Gothenburg, UCLA and USC. Co-advisor of three graduate students (JHU), supervisor for Post-doctoral fellows and interns (JHU & USRA)

Management experience:

- Leadership roles in management of multi-national science projects (FUSE: US, Canada, France; SOFIA: US, Germany)
- Development and implementation of proposal solicitation and selection for FUSE and SOFIA.
- WBS manager for areas including User Support, Science Operations, and Research, for SOFIA.
- Group supervisor and mentor for research and research support teams for two NASA missions.
- Hiring manager for the research staff for SOFIA
- Command of units up to company size, Swedish army

Languages spoken:

English (fluent), Swedish (fluent), German and French (some)

Citizenship, US Visa Status:

Swedish citizen. US permanent resident ("Green Card").