

Tim Linden

ASSISTANT PROFESSOR · STOCKHOLM UNIVERSITY

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Employment

Stockholm University

ASSISTANT PROFESSOR

- Department of Physics
- Member of the Oskar Klein Center

Stockholm, Sweden

Jan. 2020 – Present

The Ohio State University

POSTDOCTORAL FELLOW

- Center for Cosmology and AstroParticle Physics Fellow (July 2015 — Present)
- Einstein Postdoctoral Fellow (July 2015 — June 2016)

Columbus, OH

July 2015 — Jan. 2020

University of Chicago

POSTDOCTORAL FELLOW

- Kavli Institute for Cosmological Physics Postdoctoral Fellow
- Einstein Postdoctoral Fellow

Chicago, IL

July 2013 — June 2015

Education

University of California, Santa Cruz

PH.D. IN PHYSICS

- Thesis: *Dark Matter Annihilation in the Galactic Center*
- Advisor: Stefano Profumo

Santa Cruz, CA

Sept. 2008 — June 2013

Northwestern University

B.A. IN INTEGRATED SCIENCE PROGRAM, PHYSICS, MATHEMATICS

Evanston, IL

Sept. 2004 — June 2008

Publication Statistics

89 articles and letters (82 accepted, 7 under review)

inspire: **5130** citations, h-index: **37**

Presentation Statistics

91 conference presentations, seminars, and colloquia since January 1, 2017

20 Physics or Astronomy Department colloquia

23 invited conference presentations

Accepted Proposals and Current Support

14 accepted proposals (**2** provide current funding)

Significant Honors & Awards

2018 **Michelson Postdoctoral Prize Lectureship**
2013 — 2016 **Einstein Postdoctoral Fellowship**

Case Western Reserve University

NASA

Accepted Proposals

Illuminating WIMP Dark Matter with Resilient Astrophysical Emission Models PRIMARY INVESTIGATOR	Rymdstyrelsen Starting Grant Jan. 2020 — Dec. 2023
Using TeV Gamma-Rays to Shed Light on Cosmic-Ray Propagation PRIMARY INVESTIGATOR	Vetenskapsrådet Starting Grant Jan. 2020 — Dec. 2023
Correlating Fermi-LAT and ASAS-SN Data to Understand Blazars PRIMARY INVESTIGATOR	Fermi GI Cycle 12 Oct. 2019 — Sept. 2020
The mysterious solar gamma-ray emission: Powerful new tests at low energies CO-INVESTIGATOR (PI: ANNIKA PETER)	Fermi GI Cycle 12 Oct. 2019 — Sept. 2020
Illuminating Inner Heliospheric Cosmic Rays with Gamma Rays CO-INVESTIGATOR (PI: ANNIKA PETER)	Fermi GI Cycle 11 August 2018 — July 2019
Using XMM to study the TeV Halos Surrounding Energetic Pulsars CO-INVESTIGATOR (PI: KATIE AUCHETTL)	XMM-Newton AO-17 87 kS Observation (Oct. 2018)
Novel Diffuse Emission Models for the Central Molecular Zone PRIMARY INVESTIGATOR	Fermi GI Cycle 10 October 2017 — Sept. 2018
Using Fermi Dark Matter Annihilation Constraints to Probe the Early Universe CO-INVESTIGATOR (PI: ADRIENNE ERICKCEK)	Fermi GI Cycle 10 October 2017 — Sept. 2018
Revealing the Sun's Coronal Magnetic Fields with Gamma Rays CO-INVESTIGATOR (PI: ANNIKA PETER)	Fermi GI Cycle 10 October 2017 — Sept. 2018
Understanding γ-Rays from the Galactic Center: Constraining Millisecond Pulsars CO-INVESTIGATOR (PI: FABIO ANTONINI)	Fermi GI Cycle 8 October 2015 — Sept. 2016
The Smith Cloud: A High-Velocity Cloud Confined by Dark Matter PRIMARY INVESTIGATOR	Fermi GI Cycle 6 August 2013 — July 2014
A Multiwavelength Model for Novel Physics in the Galactic Center FELLOWSHIP RECIPIENT (PI, CHICAGO: DAN HOOPER, PI, OHIO STATE: ANNIKA PETER)	Einstein Fellowship July 2013 — June 2016
The Small Magellanic Cloud - A Case Study of X-Ray Populations at Low Metallicity CO-INVESTIGATOR (PI: ANDREAS ZEZAS)	Chandra Cycle 14 2013

Current Students and Postdocs

Juri Smirnov POSTDOCTORAL FELLOW	2021 — Present
Pedro de la Torre Luque POSTDOCTORAL FELLOW	2021 — Present
Michael Korsmeier POSTDOCTORAL FELLOW	2020 — Present
Carlos Blanco POSTDOCTORAL FELLOW	2020 — 2021
Isabelle John PHD STUDENT	2020 — Present
Simone Valenti ERASMUS STUDENT	2021 – Present
Perine Miriot MASTERS STUDENT	2021 – Present
Oskar Svenborm UNDERGRADUATE STUDENT	2021 – Present