



Maximilian Stritzinger

Curriculum Vitae

PERSONAL DETAILS

Birth September 22, 1975, Howell, Mi., USA
Address Department of Physics & Astronomy
Aarhus University
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ORCID <http://orcid.org/0000-0002-5571-1833>
Family Wife, daughter, son: Katja, Annabell, Asbjørn, respectively

RESEARCH TOPICS

Time-domain astronomy, transient phenomena, physics of supernovae (SN), near-field cosmology, distance scale, cosmography of the local universe, photometric techniques, standard stars, cosmic dust formation

WORK EXPERIENCE

Associate Professor 2012-present
Aarhus University, Denmark
The Department of Physics and Astronomy

Postdoctoral Scholar 2010-2011
Stockholm University, Sweden
The Oskar Klein Centre, Department of Astronomy

Postdoctoral Scholar 2007-2010
Carnegie Institute for Science, USA & Chile
Carnegie Observatories, Las Campanas Observatory

DARK Fellow 2005-2007
University of Copenhagen, Denmark
Niels Bohr Institute, Dark Cosmology Centre

EDUCATION

PhD in Physics, magna cum laude November 2005
Technical University of Munich
Thesis title: "Type Ia Supernovae: Bolometric properties and new tools for photometric techniques"
Promoter: Prof. Wolfgang Hillebrandt

Research for PhD 2002-2005
Max-Planck-Institute for Astrophysics, Garching, Germany

Master of Science, Physics June 2002
University of Arizona, Tucson, Az., USA

Bachelor of Science, Double Major in Physics & Astronomy June 2000
University of Arizona, Tucson, Az. USA

GRANTS

- 2023 AU Research Foundation Nova grant, DKK 600,000.
- 2022 IRFD Project 2 grant for the Aarhus-Barcelona cosmic FLOWS project, DKK 6,200,000.
- 2019 Villum Foundation Experiment: Cosmography of Laniakea, DKK 2,000,000
- 2018 IRFD: Project 1 grant to study core-collapse supernovae, DKK 2,941,567
- 2018 AU Faculty of Science: DKK 40,000 for workshop & DKK 191,000 sabbatical grant
- 2018 AU Research Foundation: sabbatical grant for Prof. Eddie Baron, Un. of Oklahoma, DKK 190,000
- 2017 AU Research Foundation: DKK 60,000 for workshop
- 2017 IDA (the Instrument Center for Danish Astronomy): 30,000 Euro in support of the NTE (Nordic optical telescope Transient Explorer) instrument
- 2016 Villum Foundation: Project grant to study infant supernovae, 500,000 Euro
- 2015 Invitee to ERC Consolidator Grant Interview, fulfilled funding criteria with A rating, not funded
- 2013 IDA: 15,000 Euro grant funding various supernovae research projects
- 2012 Danish Research Council: Recipient of *Sapere Aude* Level II fellowship, 850,000 Euro
- 2012, 2016, 2017 IDA: Recipient of 3 × 5,000 Euro grants for student-led research projects
- Recipient of the William F. Lucas/San Diego Astronomy Association Scholarship, 1998-2000

TEACHING AND MANAGEMENT

- PI of FLOWS, co-PI of NUTS2, core member of the Carnegie Supernova Project , co-I of ASAS-SN
- Instructor of undergraduate and graduate level Astronomy courses at Aarhus University
- Supervisor of numerous Bachelor and Master students at Aarhus University
- Junior group research leader. Four year (2013-2017) funded project supervising 4 postdocs
- Supervised a working group of three research assistants and three observers during the operation of the Carnegie Supernova Project, 2007–2009
- Supervised PhD students G. Leloudas (KU), F. Taddia (Stockholm), Fulbright Fellow S. Holmbo (Aarhus)

MISCELLANEOUS AND OUTREACH

- Authored 250+ refereed publications, NASA-ADS: total citation count of 15,800+, h-index 70
- PI and co-I of numerous observing proposals using facilities at Las Campanas Observatory, the European Southern Observatory (ESO) Very Large Telescope, Gemini observatories, Nordic Optical Telescope, Las Cumbres Observatory, *Hubble Space Telescope*, *Swift*, & *JWST*
- Invited and contribution speaker, and presented posters at conferences and schools on supernovae and cosmology in Europe, USA, South America, & East Asia. Hosted numerous workshops and retreats
- Professional Associations: International Astronomical Union & American Astronomical Society
- Telescope Allocation Committees: ESO, Subaru, OPTICON
- Referee for ApJ, AJ, MNRAS, A&A, and several funding instruments
- Numerous press releases related to high profile publications
- Completed courses on active learning, leadership, and MBSR