

CURRICULUM VITAE

Address: Physics Dept., Stockholm University, AlbaNova University Center, SE-10691 Stockholm, Sweden

Home address: Lantgårdsvägen 79, SE-19274 Sollentuna

Office phone: [+46]-(0)8-55378769

Email : conrad@physto.se

WEB: <http://www.physto.se/~conrad>

Born: May, 30, 1973 in Bochum, Germany, Swedish and German citizen.

Civil status: married, two daughters (born May 30, 2008 and Jan 11, 2011)

University degree

1. Aug. 1998 Dipl.-Phys. *summa cum laude*, Hamburg University

Thesis title "*Statistical Analysis of the Galaxy Environment of low and intermediate redshift QSOs*"

Doctoral degree

2. Oct. 2003 PhD, High Energy Physics, Uppsala University, Uppsala, Sweden

Thesis title: "*A search for neutrinos from Cosmic Point Sources using AMANDA-B10 with Emphasis on Limit Calculation Techniques*"

Post-doctoral position:

3. Jan. 2004 - Dec. 2005 Postdoctoral research fellow, CERN, Geneva, Switzerland, member of the ALICE Silicon Pixel Detector group

Qualification as associate professor:

Nov. 2008 Docent, Physics, Stockholm University, Stockholm, Sweden.

Present position:

Jan. 2009 until Jan 2014 (then permanent) Royal Swedish Academy of Sciences Research fellow, Physics Department, Section of Cosmology, Particle Astrophysics and String Theory, Stockholm University, Stockholm, Sweden, 80 % active in research. Member of FERMI, H.E.S.S. and CTA collaborations.

Previous positions:

Jul. 2007 until Jan 2009 assistant professor (VR), Physics Department, Section of Cosmology, Particle Astrophysics and String Theory, Stockholm University, Stockholm, Sweden, 80 % active in research.

Jan. 2006 - Jul. 2007 assistant professor (VR), Physics Department, Section of Particle and Astroparticlephysics, Royal Institute of Technology (KTH), Stockholm, Sweden, 100 % active in research, member of FERMI and PAMELA collaborations.

Publications & talks

- Main author of or significant direct contributor to 44 papers (15 refereed articles, 19 conference proceedings (12 refereed, 7 non-refereed), 4 refereed public collaboration notes, 6 internal collaboration notes).

- Co-author (indirect contributor) to 103 refereed articles and \sim 100 conference contributions.

Leadership

- Principal Investigator of the Swedish FERMI consortium (2007–)
- Principal Investigator for Swedish H.E.S.S. consortium (2009–)
- Principal Investigator for the Swedish CTA consortium (2009–)
- Co-leader of the FERMI Working group for Dark Matter and New Physics (2007–2009)
- Leader of CTA design study working group for Dark Matter and Fundamental Physics (2008–)

Selected Awards & Grants

- CERN postdoctoral research fellowship (2004)
- DESY postdoctoral research fellowship (2004) declined.
- Swedish Research Council (VR) grant (position as assistant professor)(2004)
- Grant holder for Swedish FERMI consortium (2007–) (3 MSEK until 2009)
- Position as Special Researcher, VR, (2008) declined.
- Position as “Research Fellow of the Royal Swedish Academy of Science” (2009–)
- Grant holder for Swedish H.E.S.S. consortium (2009–)(6 MSEK so far)
- Grant holder for Swedish CTA consortium (2010–) (2 MSEK so far)

Supervision

Postdocs (project, end of contract): C. Meurer (Fermi, 2009), J.Ripken (HESS/CTA/Fermi, 2011), H. Dickinson (HESS/CTA, 2013) Z. Yang (Oskar Klein Centre, 2011, co-host), A. Cuoco (Oskar Klein Centre, 2011, co-host), A. Putze (Oskar Klein Centre, 2011, co-host)

PhD students (affil, expected disputation): T. Ylinen (KTH, defended 06/2010), A. Sellholm (SU, defended 06/2010), M. Llana-Garde (SU, 2013), S. Zimmer (SU, 2014), P. Scott (SU, defended 05/2010, secondary supervisor), N. Karpenka (SU, 2014, secondary supervisor)

Selected scientific community duties/commitee

- Member of the Swedish National Committee for Astronomy, Royal Swedish Academy of Sciences.
- Member of 2 scientific advisory committees (LINK 2010 and Rencontres de Blois, 2009), and 5 local organizing committees (chair for one).
- Member of 2 administrative committees (the finance committee of the Physics Department, Stockholm University and the Swedish Particle Physics section board)
- Referee for 6 international journals (in particular Physical Review Letters and Physical Review D.)

Invited conference contributions and colloquia

- Invited plenary speaker on 13 conferences (e.g.: Darkness Visible 2010, Cambridge, SLAC Summer Institute 2009, (lecturer, 2 double lectures), Stanford)
- Given several university colloquia.