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## EDUCATION

- 2015 PD Dr. rer.nat.habil. (Privatdozent and Habilitation), University of Bonn.  
2002–2003 Diploma in Higher Education Teaching Practice, University of Copenhagen.  
1993–1997 Ph.D., Aarhus University (Denmark) / ATNF-CSIRO, Sydney (Australia),  
Astrophysics: “*Formation and Evolution of Binary Millisecond Pulsars*”.  
1988–1993 M.Sc., Aarhus University, Astrophysics (minor degree in science history).  
1984–1988 Baccalaureate, Silkeborg Gymnasium / High School Exchange Student, USA.

## CAREER

- 2016– Honorary Professor, Aarhus University.  
2010–present Staff/Visiting Research Prof., Uni. of Bonn / Max Planck Inst. for Radio Astro.  
2007–2010 External Associate Professor, Niels Bohr Institute, University of Copenhagen.  
2003–2010 International Baccalaureate (IB) teacher in physics/math at Herlufsholm Skole.  
2002–2003 Assistant Professor, Niels Bohr Institute, University of Copenhagen.  
2000–2002 Research Fellow, NORDITA (Nordic Institute for Theoretical Physics).  
1997–2000 Marie Curie Fellow, University of Amsterdam (individual EU research grant).

## RESEARCH INTERESTS

Physics of Compact Objects (Neutron Stars, White Dwarfs, Black Holes), Gravitational Waves, X-ray Binaries, Stellar and Binary Evolution, Supernovae, Population Synthesis.

## LONG-TERM RESEARCH VISITS

- Korean Institute for Advanced Study, Seoul, Korea (2001).  
Physics Dept., Stony Brook, New York, USA (1999, 2000).  
Raman Research Institute, Bangalore, India (1999).  
ATNF-CSIRO Sydney, Australia (1993, 1994, 1995–1996).

## INVITED/CONTRIBUTED TALKS AT CONFERENCES + RESEARCH VISITS/SEMINARS

Sydney, Tokyo, Paris, Aspen, Bormio, Bangalore, Princeton, Seoul, Amsterdam, Bonn, Chile, Beijing, Oxford, Dalhousie, CEA Saclay, Nijmegen, Hamburg, Southampton, Brownsville, Hannover, Bad Honnef, Florence, Cefalù, Moscow, DTU, Aarhus, Bamberg, ASTRON, Bern, La Sapienza, Harvard, Tenerife, Rome, Munich, Stockholm, Geneva, Leiden, Bologna, Karlsruhe, Manchester, Leuven, Warsaw, NORDITA, Prague, Cambridge, La Gomera, Würzburg, Madrid  
More than 60 [talks](#) since 2011 (including 18 invited reviews at international conferences).

## PUBLICATIONS

Peer reviewed articles: ~70 papers (21 letters, mostly 1<sup>st</sup> or 2<sup>nd</sup> author), published in *Science*, *Nature Astronomy*, *The Astrophysical Journal* (+ *Letters*), *MNRAS* (+ *Letters*), *Astronomy & Astrophysics* (+ *Letters*), *A&ARv* and *New Astronomy*.  
Conference papers: ~ 20 invited/contributed papers from international conferences.  
Textbook: “*Physics of Binary Star Systems*”, ~500 pages, Princeton Uni. Press, in prep. (~2019).  
Citations: [Google Scholar](#): >6000 and h-index: 38. ([ADS](#): ~ 5000, [Normalized citations](#): >1200).  
Popular science book (in Danish): “*Hvad er astronomi*” (Akademisk Forlag, 2009), 232 pages.  
Public Outreach: Open universities, science museums, public observatories and newspapers.  
Description of my research in, for example, *New Scientist*, *Sky & Telescope*, *Astronomy Magazine*, *Astronomy Now*, *PhysicsWorld.com*.

## REVIEWER

Referee: ApJ, ApJ Letters, MNRAS, A&A, Phys.Rev.Lett., Nature, Nature Physics, Nature Comm.  
+ proposal evaluator for: DFG, AvH, Royal Society, NSERC, (NSF), NWO (Vici)