

Personal information

Name: Allard Jan van Marle

Date of birth: March 19, 1978

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CV

- Febr. 1, 2015 - present: Postdoc, Centre for Plasma Astrophysics, KU Leuven (Belgium), supervisor prof. dr. R. Keppens.
- Oct. 1, 2014, -Dec. 7, 2014: Volunteer employee 10%, Institute of Astronomy, KU Leuven (Belgium).
- Nov. 21, 2011 - Sept. 30 2014: Postdoc, Institute of Astronomy, KU Leuven (Belgium), supervisor prof. dr. L. Decin.
- Oct. 1, 2008 - Sept. 30, 2011: Postdoc, Centre for Plasma Astrophysics, KU Leuven (Belgium), supervisor prof. dr. R. Keppens.
- Sept.1, 2006 - Aug. 31, 2008: Postdoc, University of Delaware (USA), supervisor prof. dr. S. Owocki.
- May 1, 2006, Sept.1, 2006: Postdoc, University of Utrecht (the Netherlands), supervisor: prof. dr. N. Langer.
- May 3, 2006: PhD graduation
- 2002-2006: PhD. Student in Astronomy at the University of Utrecht (the Netherlands), supervisor: prof. dr. N. Langer.
- April 29, 2002: Graduated at the University of Amsterdam (the Netherlands) with M.Sc. in Physics and M.Sc. in Astronomy, supervisors: dr. G.J. Savonije, dr. L.J. van den Horn.
- 2000-2001: Member of the education committee for the physics department of the University of Amsterdam (the Netherlands).
- 1996-2002: Studied Physics and Astronomy at the University of Amsterdam (the Netherlands).

Teaching experience

During my time as an undergraduate at the University of Amsterdam I have been a 'student' member of the education committee. This is an advisory board that concerns itself with the curriculum and the way in which courses are taught. As a PhD student I worked as a teaching assistant on the following courses:

- General relativity in astrophysics, lecturers: prof. dr. J. Heise & dr. P. Hoyng (2002-2003, 2004-2005)
- Gasdynamics, lecturer: prof. A. Achterberg (2003-2005)
- Introduction to stellar structure and evolution, lecturers: prof. dr. F.W.M. Verbunt, prof. dr. N. Langer, prof. dr. H.J.G.L.M. Laemers & prof. dr. A. Achterberg (2002-2005)

At the University of Leuven I have taught tutorials for the following courses:

- Mathematical introduction to fluid dynamics, lecturer: prof. dr. M. Goossens (2008-2011)
- Mathematics for corporate economists (Bedrijfseconomen), lecturer: prof. dr. J. Quaegebeur (2008-2009)
- Stellar winds and atmospheres, lecturer: prof. dr. L. Decin (2011-2014)
- Stellar structure and evolution, lecturer: prof. dr. C. Aerts (2012-2013)

I have also assisted students in the Master level projects for the course 'Computational methods in Astrophysics', teachers: prof. dr. R. Keppens & prof. dr. L. Decin (2009-2014). I have taken part in the supervision of projects at both bachelor, master and PhD level. Including acting as co-supervisor of MSc. project of C. Verbeke (KU Leuven, September 2015)

PhD defense committees

I served on the Ph.D. defense juries of:

- S. Chita (Utrecht University 6/10/2011)
- A. Vlasis (KU Leuven 16/11/2012)
- T. Hendrix (KU Leuven 10/09/2015)

Referee

I am active as referee for the *Astrophysical Journal* (ApJ), the *Monthly Notices of the Royal Astronomical Society* (MNRAS) and *Astronomy & Astrophysics* (A&A) as well as for *Nature*. I am an expert referee for the Partnership for Advanced Computing in Europe (PRACE) and served on the allocation panel for Universe Science of the 11th PRACE call for Tier-0 proposals. I have also functioned as an external referee for NASA as well as the National Science Centre, Poland.

Observations

Although I am not an observer by training, I have spent a 10 night observation run at the *Mercator* telescope at La Palma using the *HERMES* spectrograph as part of my duties as a postdoc at KU Leuven. Additionally, I have been involved in the writing of several observational proposals, both as CoI (*Spitzer*, *Herschel*, *Chandra* and *ALMA*) and PI (*Mercator* telescope, La Palma)

Additional experience

I have assisted with the organization of two scientific conferences. For the conference *Stars with the B[e] phenomenon (Vlieland, the Netherlands, July 2005)* I was part of the local organizing committee and for the Lorentz workshop *Astrospheres: From the Sun to Red Supergiants, (Leiden, the Netherlands, Dec. 2013)* I was part of the scientific organizing committee.

During my work at the KU Leuven, I have participated in several outreach projects aimed at introducing astrophysical subjects to a wider community. This includes demonstrations during open days at the university itself as well as giving lectures for amateur astronomers and at the 2013 Astronomy Summerschool for high school students.

As a researcher I have been invited to give seminars at universities in the Netherlands, France, Germany and the United Kingdom. I have also been invited for several research stays abroad, varying in length from a few days to a month.

Publications

I have published (as either first author, or co-author) 25 papers in peer-reviewed journals, as well as 25 conference proceedings. As of September 2015, these publications have been cited 556 times in 425 papers (not including self-citations), according to the Astronomy Data Service (ADS). Collectively, they have an h-index of 16.