

## CURRICULUM VITAE

### Dr. S. (Selma) E. de Mink

Associate Professor in Astrophysics

Anton Pannekoek Inst. for Astronomy / GRAPPA inst. for Gravitation, Astroparticle Physics and Gravitational Waves

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### INTERESTS (IN NO PARTICULAR ORDER)

Stellar Physics, Stellar evolution, Stellar evolution under extreme conditions  
Gravitational Wave Astrophysics, Astrophysics of their progenitors  
Stellar Transients, Progenitors of Supernovae and Gamma-ray bursts  
Interacting binary systems, Mass transfer, Accretion, Binary mergers, Common envelope evolution  
Nucleosynthesis, Abundances, Chemical Enrichment  
Stellar Interiors, Internal mixing processes, Asteroseismology  
Spectral synthesis, Radiative and Mechanical Stellar feedback Radiative  
Stellar populations (nearby and at high redshift)  
Applied statistics and machine learning for inference and population modelling  
Diversity in Academia, Participation of Women in Theoretical and Computational Astrophysics

### RESEARCH POSITIONS

2018 – now **Associate Professor**, University of Amsterdam, NL

- **PI of VIDI and Aspasia grant BinWaves** (2018-2023)
- **PI of the ERC starting grant BinCosmos** (2017-2022)

2014 – 2018 **MacGillavry Assistant Professor**, University of Amsterdam, NL

- **Marie Curie Incoming Fellowship** (2015-2017)

2013 – 2014 **Einstein & Princeton Lyman Spitzer Fellow** (NASA prize fellowship, independent research)  
California Institute for Technology & Carnegie Observatories, Pasadena, CA, USA

2010 – 2013 **Hubble postdoctoral Fellow** (NASA prize fellowship, independent research)  
Space Telescope Science Institute, Baltimore, MD, USA

2010 **Argelander Postdoctoral Fellow**  
Institute for Astronomy, University of Bonn, Germany

2006-2010 **PhD Student**, Utrecht University, The Netherlands

2004 **IAC summer internship**, Instituto d'Astrofísica de Canarias, Spain

### VISTING RESEARCH POSITIONS

2017, 2016 **Short term visitor**, Kavli Institute for Theoretical Physics, Santa Barbara, CA, USA

2015 **Short term visitor**, Center for Astrophysics, Harvard University, Cambridge, MA, USA

2013 – 2014 **Visiting Associate**, California Institute for Technology (Caltech), Pasadena, CA, USA

2010 – 2013 **Visiting Associate**, Johns Hopkins University, Baltimore, MD, USA

### EDUCATION

|           |  |                  |
|-----------|--|------------------|
| 2006-2010 | PhD, Astrophysics, Utrecht University, NL, Awarded April 12, 2010<br>Thesis: Stellar evolution at low metallicity, Supervisor: Dr. O.R. Pols | <b>Cum Laude</b> |
| 2003-2005 | MSc, Astrophysics, Utrecht University, NL, Awarded Oct. 24 2005  | <b>Cum Laude</b> |
| 2000-2004 | BSc, Mathematics, Utrecht University, NL, Awarded Oct. 31 2005   | <b>Cum Laude</b> |
| 2000-2003 | BSc, Physics, Utrecht University, NL, Awarded Oct. 24 2005   | <b>Cum Laude</b> |

## SELECTED AWARDS, HONORS, PRIZES

|      |   |          |
|------|---|----------|
| 2019 | Elected as <b>Member of the Young Scientific Academy</b> , the Netherlands              |          |
| 2018 | <b>Aspasia Grant Laureate</b> , awarded by Netherlands Science Foundation (NWO)         | 100 k€   |
| 2017 | <b>Vidi laureate</b> , awarded by Netherlands Science Foundation (NWO)                  | 800 k€   |
| 2017 | <b>MERAC Prize in Theoretical Astrophysics 2017</b> , European Astronomical Society     |          |
| 2017 | <b>Beller Lectureship</b> , awarded by American Physical Society                        |          |
| 2016 | <b>ERC starting grant</b> , awarded by European Research Council                        | 1,900 k€ |
| 2016 | Nominated for <b>New Scientist Science Talent 2016</b> , Dutch and Flemish Universities |          |
| 2015 | <b>Top grant laureate</b> , Netherlands Science Foundation (NWO)                        | 220 k€   |
| 2015 | <b>Marie Curie Fellowship</b> , awarded by European Council                             | 166 k€   |
| 2014 | <b>MacGillavry Fellowship</b> , Amsterdam Univ. (estimated)                             | 450 k€   |
| 2013 | <b>Princeton Lyman J. Spitzer Fellowship</b> , awarded by Princeton University          | 180 k€   |
| 2013 | <b>Einstein Fellowship</b> , awarded by NASA  | 266 k€   |
| 2010 | <b>Hubble Fellowship</b> , awarded by NASA  | 260 k€   |
| 2004 | <b>IAC summer Fellowship</b> , Instituto d'Astrofiscia de Canarias, Spain               |          |
| 2000 | <b>International Physics Olympiad, Honorable Mention</b> , Leicester UK                 |          |

## SELECTED PUBLICATIONS AND CITATIONS STATS

|                              |       |                                 |       |
|------------------------------|-------|---------------------------------|-------|
| Papers with > 100 citations: | 14    | Total number of refereed papers | >~90  |
| Papers with > 50 citations:  | 27    | Total number of publications    | >~160 |
| Total number of citations:   | >5078 | Hirsch factor                   | 35    |

### Selection of Highest cited papers as 1<sup>st</sup>, 2<sup>nd</sup> or 3<sup>rd</sup> author (abbreviated titles)

|                |   |
|----------------|---|
| >647 citations | Sana & <b>de Mink</b> et al. (2012), Science 337, 444 “ <a href="#">Binary interaction dominates evolution of massive stars</a> ” |
| >377 citations | Brott & <b>de Mink</b> et al. (2011), A&A 530, 115 “ <a href="#">Grids of Rotating massive main-sequence stars</a> ”              |
| >284 citations | <b>De Mink</b> et al. (2009) A&A, 507, 1 “ <a href="#">Massive binaries as source of abundance anomalies in glob. clusters</a> ”  |
| >191 citation  | <b>De Mink</b> et al. (2013) ApJ 764, 166, “ <a href="#">Rotation Rates of Massive Stars: The Role of Binary Interaction</a> ”    |
| >187 citations | Sana, de Koter & <b>de Mink</b> et al. 2013, A&A 550, 107, “ <a href="#">Multiplicity of the Tarantula O-type stars</a> ”         |
| >176 citations | Bastian, Lamers & <b>de Mink</b> et al. MNRAS, 436, 2398, “ <a href="#">Early disc accretion &amp; glob. cluster abundances</a> ” |
| >140 citation  | <b>Mandel &amp; de Mink</b> (2016) MNRAS, 458, “ <a href="#">Merging binary BHs through chem. homogeneous evol.</a> ”             |
| >138 citations | <b>De Mink</b> et al. (2009) A&A 497, 243, “ <a href="#">Rotational mixing in detached short-period massive binaries.</a> ”       |
| >130 citations | <b>De Mink</b> et al. (2014) ApJ, 782, 7, “ <a href="#">Incidence of Mergers and Mass Gainers among Massive Stars</a> ”           |
| >117 citations | Bastian & <b>de Mink</b> (2009) MNRAS, 398, 11, “ <a href="#">Effect of rotation on colour-magnitude diagrams</a> ”               |
| >100 citation  | <b>De Mink &amp; Mandel</b> (2016), MNRAS, 460, “ <a href="#">LIGO binary black holes through chem. hom. channel</a> ”            |
| >100 citation  | Glebbeek, Gaburov, de Mink et al. A&A, “ <a href="#">Evolution of runaway stellar collision products</a> ”                        |
| >78 citations  | <b>De Mink</b> et al (2007), A&A, 469,1181 “ <a href="#">Efficiency of mass transfer in massive close binaries.</a> ”             |
| >74 citation   | <b>De Mink &amp; Belczynski</b> (2015), ApJ, 814, 58, “ <a href="#">Merger Rates of Double Neutron Stars and Black Holes</a> ”    |
| >60 citations  | Claeys & <b>de Mink</b> et al. (2011), A&A, 528, 131, “ <a href="#">Binary progenitor models of type IIb supernovae</a> ”         |

### Selection of recent papers (including those lead by a PhD student I supervised directly (marked with \*))

|                |   |
|----------------|---|
| > 40 citations | Zapartas* & <b>de Mink</b> et al. (2017b) A&A “ <a href="#">Delay-time distribution of core-collapse supernovae</a> ”   |
| > 30 citations | Götberg*, <b>de Mink</b> & Groh (2017) A&A “ <a href="#">Ionizing spectra stripped binary stars</a> ”                   |
| > 29 citations | <b>De Mink</b> & King (2017) ApJ “ <a href="#">Electromagnetic Signals Following Stellar-mass Black Hole Mergers</a> ”  |
| > 18 citations | Renzo* et al. (2017) A&A “ <a href="#">Effects of wind mass loss algorithms on the evolution of massive stars</a> ”     |
| > 15 citations | Götberg* & <b>de Mink</b> et al. (2018) A&A “ <a href="#">Unifying Subdwarfs and Wolf-Rayet stars</a> ”                 |
| > 12 citations | Renzo*, Zapartas* & <b>de Mink</b> et al. (2018), <i>subm.</i> “ <a href="#">Walkaway and Runaway stars</a> ”           |
| > 10 citations | Zapartas* & <b>de Mink</b> et al. (2017a) A&A “ <a href="#">Companions for Stripped-envelope Supernovae</a> ”           |
| < 10           | Schootemeijer,* Götberg*, <b>de Mink</b> et al. (2018) A&A, “ <a href="#">Overluminous subdwarf in Phi Persei</a> ”     |
| < 10           | Renzo* & <b>de Mink</b> et al. (2019) MNRAS letter “ <a href="#">Gaia/HST Astrometry of a 150 Msun runaway star</a> ”   |
| < 10           | Götberg* & <b>de Mink</b> et al. (2019) <i>subm.</i> “ <a href="#">Impact of stripped stars on Integrated spectra</a> ” |

Citations based on the NASA/ADS database, updated Feb 9, 2019.

## INVITED AND CONTRIBUTED TALKS (SELECTION, FOR COLLOQUIA SEE BELOW)

|           |  |
|-----------|--|
| 2019 Jul. | <b>Scheduled, Invited Plenary Talk</b> , Royal Astronomical Society National Astronomy Meeting, UK |
| 2019 May  | <b>Scheduled, Invited review</b> , FOE Supernova conference, USA                                   |

|                |   |
|----------------|---|
| 2019 April     | <b>Scheduled, Invited review</b> , Spring symposium Death of Massive Stars, Baltimore, Md, USA                  |
| 2018 Sept.     | <b>Invited Plenary Talk</b> , Physics of stellar feedback, Leibniz Inst. for Astrop. Potsdam, Germany           |
| 2018 July      | <b>Invited Talk</b> , Diversity in Astronomy, Dark Cosmology Center, Copenhagen, Denmark                        |
| 2018 July      | <b>Invited Review</b> , Unsolved Problems in Astrophysics and Cosmology, Budapest, Hungary                      |
| 2018, June     | <b>Invited Review</b> , Ultra Luminous X-ray sources, Madrid, Spain   |
| 2018 May       | <b>Invited Review</b> , Supernovae and their interaction with the ISM, Stockholm, Sweden                        |
| 2018, May      | <b>Invited Talk</b> , Sackler Conference on Gravitational waves, Cambridge, MA, USA                             |
| 2018, April 5  | <b>Invited Talk</b> , EWASS Gamma-ray bursts, UK  |
| 2018, March 21 | <b>Plenary Talk</b> , Finish Physics Days, Turku, Finland,  |
| 2018, Jan 23   | <b>Invited Talk</b> , Physics days, Veldhoven, The Netherlands  |
| 2017 Nov 21    | <b>Invited Talk</b> , Flatiron meeting on binary neutron star mergers, NY, USA                                  |
| 2017 Sept, 11  | <b>Invited Review</b> , Progenitors of Gravitational Wave sources, Royal Society, UK                            |
| 2017 June, 28  | <b>Invited Review</b> , Gravitational wave Physics, Paris, France   |
| 2017 June, 27  | <b>MERAC prize lecture, Invited talk</b> , European Astronomical Society, Prague, CR                            |
| 2017 June, 1   | <b>Invited Review</b> , Transients and the LSST revolution, Chicago, USA  |
| 2017 April, 18 | <b>Invited Participant/panel member</b> , Cas A topical workshop, Princeton, NJ, USA                            |
| 2017 Feb, 27   | <b>Invited Review</b> , Strong Grav workshop, Oxford, MI, USA   |
| 2017 Jan, 30   | <b>Beller Prize Lecture, Invited talk</b> , American Physical Society meeting, DC, USA                          |
| 2016 Oct. 20   | <b>Invited Talk</b> , Emission line galaxies at high redshift, Lorentz Center Workshop, Leiden, NL              |
| 2016 Sep. 21   | <b>Invited Talk</b> , Year opening of the Department of physics and astrophysics, Amsterdam, NL                 |
| 2016 Sep. 13   | <b>Invited Review</b> Gravitational wave progenitors, MIAPP, Munich, Germany                                    |
| 2016 Sep. 13   | <b>Plenary Talk Invited</b> , Astronomische Gesellschaft, Bochum Germany  |
| 2016 Aug.      | <b>Invited Review</b> , Gravitational wave progenitors Gravitational Waves in Paris, France,                    |
| 2016 Aug.      | <b>Invited Review</b> , Binary evolution Stars on the run, Bamberg, Germany                                     |
| 2016 Aug.      | <b>Invited Talk</b> , Astrophysics of the first gravitational waves, KITP, Santa Barbara, CA, USA               |
| 2016 July 26   | <b>Invited Talk</b> Conference Binaries, Cambridge, UK  |
| 2016 July 7    | <b>Invited Talk</b> , Conference of European society EWASS, Athens, Greece                                      |
| 2016 June 1    | <b>Invited Talk</b> , Bridging the Gap, Supernova Royal Society Meeting UK                                      |
| 2016 May 17    | <b>Invited Talk</b> , Sackler Conference Transients, Harvard, Cambridge MA, USA                                 |
| 2016 April 7   | <b>Invited Talk</b> , Massive Stars and Star formation conference, Gainesville Florida                          |
| 2016 Feb. 23   | <b>Invited Talk</b> , DARK Cosmology Center Feedback Workshop, Copenhagen, Denmark                              |
| 2015 Aug.      | <b>Invited Talk</b> , General Assembly, Focus meeting Galaxies and Stellar populations, Honolulu, HI, USA       |
| 2015 Aug.      | <b>Invited Talk</b> , General Assembly, Focus meeting Stellar Explosions, Honolulu, HI, USA                     |
| 2015 May 11    | <b>Invited Talk</b> , Gravitational wave meeting Cardiff, UK  |
| 2015 May 6     | Contributed talk Gaia-ESO survey, Brussels, Belgium   |
| 2015, April 21 | <b>Invited talk</b> , 25 <sup>th</sup> years of Hubble celebration meeting, STScI, Baltimore, Md, USA           |
| 2015, Jan 23   | Contributed talk, Aspen meeting on Black holes, CO, USA   |
| 2014 Oct 8     | <b>Invited Talk</b> , Time Domain Astrophysics with the Giant Magellan Telescope, Washington DC, USA            |
| 2014 Aug       | <b>Invited Review</b> , Supernova in the local universe, Coffs Harbour, New South Wales, Australia              |
| 2014 Aug       | <b>Invited Talk</b> , Gravitational Wave Astrophysics at COSPAR assembly, Moscow, Russia                        |
| 2014 July      | <b>Invited Keynote Talk</b> , A Critical Look at Globular Cluster Formation Theories, Sexten, Italy             |
| 2014 March     | <b>Invited Talk</b> , Stellar Tango at the Rockies, Lake Louise, Alberta, Canada                                |
| 2013 Nov       | <b>Invited Talk</b> , Palomar Transient Factory, Science meeting, Santa Barbara, CA, USA                        |
| 2013 Oct       | <b>Invited Talk</b> , Einstein Fellow Symposium, Harvard, Cambridge, MA, USA                                    |
| 2013 Oct       | <b>Invited Talk</b> , Palomar Transient Factory Sky House meeting, Santa Barbara, CA, USA                       |
| 2013 Oct       | <b>Invited Talk</b> , Massive Stars from alpha to omega, Rhodes, Greece   |
| 2013 Sep       | <b>Invited Seminar</b> , TAPIR center for theoretical astrophysics, California Institute of Technology, CA, USA |
| 2013 March     | <b>Invited Talk</b> , Hubble Fellow Symposium, STScI, Baltimore, MD, USA  |
| 2012 Oct       | Contributed Talk, Outstanding problems in Massive Star Research, St Paul, MN, USA                               |
| 2012 Oct       | Contributed Talk, 30 Dor, the starburst next door, STScI, Baltimore, MD, USA                                    |
| 2012, July     | <b>Invited Talk</b> , Aspen workshop on Massive stars and Gamma-ray bursts, Aspen, CO, USA                      |
| 2011 Dec       | <b>Invited Talk</b> , Lorentz Center Workshop Modelling Dense Stellar systems, Leiden, NL                       |
| 2011 Sept      | <b>Invited Seminar</b> , Stellar rotation: nature or nurture, KITP, Santa Barbara, CA, USA                      |
| 2011 Sept      | <b>Invited Talk</b> , CIERA inaugural meeting, Fellows at the Frontier of Science, Northwestern, USA            |
| 2011 July      | Contributed Long talk, Conference in honor of A. Moffat, Canada   |
| 2011 March     | <b>Invited Talk</b> , Hubble Fellow symposium, Spitzer Science Center, Pasadena, CA, USA                        |

|            |  |
|------------|--|
| 2010 July  | Contributed Talk, meeting of the astronomische gesellschaft, Bonn, Germany                               |
| 2010 July  | Contributed Talk, 39 <sup>th</sup> Liege Meeting, multi-wavelength view of massive stars, Liege, Belgium |
| 2010 June  | Contributed Talk, Binary star meeting, Mykonos, Greece   |
| 2010 May   | Contributed Talk, STScI May Symposium, Baltimore, MD, USA  |
| 2010 April | <b>Invited Review</b> , JINA workshop Building virtual galaxies, Lansing, MI, USA                        |
| 2009 Sept  | <b>Invited Talk</b> , Lorentz Center workshops on stellar mergers, Leiden, NL                            |
| 2009 Aug   | Contributed Talk, IAU General Assembly in Rio, Brazil  |
| 2009 June  | Contributed Talk, Binaries Key to understanding the universe, Brno Czech Republic                        |
| 2009 April | <b>Invited Talk</b> , European week of astronomy and space science, Hertfordshire, UK                    |
| 2008 July  | Contributed talk, Evolution and pulsation of massive stars, Liege, Belgium                               |
| 2008 April | Contributed talk, Stellar modeling in the 21 <sup>st</sup> century, Sanya, Hainan, China                 |

#### INVITED COLLOQUIA AND SEMINARS (SELECTION, FOR REVIEWS ETC SEE ABOVE)

|                |   |
|----------------|---|
| 2019 Jan 17    | <b>Invited Seminar</b> , Max Planck Institute for Astrophysics, Garching, Germany   |
| 2018, Nov 26   | <b>Invited Colloquium</b> , Oxford University, UK   |
| 2018, March 20 | <b>Invited Colloquium</b> , Oscar Klein Center, Stockholm, Sweden   |
| 2018, Feb 27   | <b>Invited Colloquium</b> , Max Planck Institute for Astronomy, Heidelberg, Germany   |
| 2017, Oct 27   | <b>Invited Colloquium</b> , NIKHEF, Amsterdam, The Netherlands  |
| 2017, Oct 18   | <b>Invited Seminar</b> , Max Planck Institute for Astrophysics, Garching, Germany   |
| 2017, May 9    | <b>Invited City-wide colloquium</b> , Heidelberg combined astrophysical institutes, Germany   |
| 2016           | <b>Invited Colloquium</b> , Saclay, Paris, France<br><b>Invited Colloquium</b> , Kapteyn Institute Groningen, The Netherlands   |
| 2015           | <b>Invited Seminar</b> , Princeton University, NJ, USA<br><b>Invited Colloquium</b> , Harvard Center for Astrophysics, Cambridge MA, USA<br><b>Invited city-wide Colloquium</b> , Joint Astrophysics Colloquium Munich MPA/MPE/ESO, Germany<br><b>Invited Colloquium</b> , Lund Observatory, Sweden   |
| 2014           | <b>Invited Colloquium</b> , Dep of Astrophysics, California Institute for Technology, Pasadena, CA, USA<br><b>Invited Colloquium</b> , UC Berkeley, Dep. of astrophysics, CA, USA<br><b>Invited Colloquium</b> , UC Los Angeles, Dep. of astrophysics, CA, USA<br><b>Invited Colloquium</b> , UC Riverside, Dep. of astrophysics, CA, USA<br><b>Invited Seminar</b> , University of Birmingham, Dep. of astrophysics, UK<br><b>Invited Colloquium</b> , University of Warsaw, Poland<br><b>Invited Colloquium</b> , Monash University, Melbourne, Australia<br><b>Invited Colloquium</b> , American Museum of Nat History, NY, USA<br><b>Invited Colloquium</b> , University of Michigan, Ann Arbor, MI, USA<br><b>Invited Colloquium</b> , Michigan State University, Lansing, MI, USA |
| 2013           | <b>Invited Colloquium</b> , University of Arizona, Tucson, AZ, USA<br><b>Invited Seminar</b> , Anton Pannekoek Institute, University of Amsterdam, NL<br><b>Invited Colloquium</b> , University de Montreal, Canada<br><b>Invited Colloquium</b> , University of Florida Gainesville, FL, USA<br><b>Invited Colloquium</b> , University of Maryland, College Park, MD, USA<br><b>Invited Seminar</b> , Canadian Institute for Theoretical Astrophysics, Toronto, Canada   |
| 2012           | <b>Invited Colloquium</b> , Princeton University, NJ, USA, Invited Colloquium (main astrophysics colloquium)<br><b>Invited Seminar</b> , University of California, Berkeley, Dep of astrophysics, theory seminar, CA USA<br><b>Invited Colloquium</b> , Center for Cosmology and Particle Physics, NYU, NJ, USA<br><b>Invited Colloquium</b> , Astronomisches Rechen-Institut, U. Heidelberg, Germany<br><b>Invited Colloquium</b> , University of Minnesota, MN, USA<br><b>Invited Colloquium</b> , Inst. d'Astrofiscia de Canarias de Canarias, Tenerife, Spain<br><b>Invited Colloquium</b> , University of Delaware Newark, DE, USA   |

## OBSERVING TIME AND ASSOCIATED RESEARCH FUNDING

**Awarded Observing time as Principle Investigator**

|           |  |               |
|-----------|--|---------------|
| 2016      | <b>ALMA</b> 2016.1.01015.S,<br>“The Extreme UV through ALMA's Eyes: a unique probe of the ionizing spectrum of OB Stars”                               | 6.6 h         |
| 2013/2014 | <b>Hubble Space Telescope/Wide Field Camera 3</b> GO13446-1 & 2, 4+2 orbits<br>“Siblings of Massive Stars: Extreme End of the Companion Mass Function” | 56 k\$+26 k\$ |
| 2014      | <b>Hubble Space Telescope/Fine Guidance Sensor</b> GO13447, 1 orbit,<br>“Massive monsters living deep inside the Tarantula Nebula”                     | 34 k\$*       |

**Awarded Observing time as Co-Investigator****Very Large Telescope (ESO)**

|      |   |  |
|------|---|--|
| 2019 | Testing the physics of massive overcontact binaries as candidate progenitors of binary black hole mergers via the chemically homogeneous evolution pathway (XShooter, PI: Abdul-Masih), 12 hr |  |
| 2019 | The dearth of short period binaries among very young massive stars (XSHOOTER, PI: Ramirez), 48 hrs  |  |
| 2018 | <b>ESO large program</b> , Demographics of stellar-mass black holes (XSHOOTER, PI: Jonker), 135 hrs   |  |
| 2018 | The multiplicity properties of 70 early B-type stars in NGC~6231 - Part II. the period range corresponding to common envelope and gravitational wave progenitors (Flames, PI: Sana), 4 hrs    |  |
| 2017 | The multiplicity properties of 70 early B-type stars in NGC~6231: a mile stone towards understanding the evolution of about half of the supernovae progenitors (Flames, PI: Sana), 18.3 hrs   |  |
| 2015 | Uncovering the fate of the Tarantula's B-type binaries, (Flames, PI Taylor) 31 hrs  |  |
| 2013 | Tracing the star formation history of the double stage H <sub>scii</sub> super-bubble N,44 in the LMC (FLAMES/FORS, PI Sabbì), 9.5 h  |  |
| 2012 | Orbital solutions for >100 massive binaries in 30 Dor, (Flames, 090.D-0323, PI: H. Sana), 31 hrs  |  |
| 2012 | Massive YSOs in the periphery of R136 (Xshooter, 090.C-0346, PI: L. Kaper), 16 hrs  |  |
| 2008 | <b>ESO large program</b> , The VLT-FLAMES Tarantula Survey (FLAMES 82.D-0222, PI: C. Evans, cons. member), 94.5 hrs   |  |

**Hubble Space Telescope**

|      |  |  |
|------|--|--|
| 2017 | Dwarfs and Giants: Massive Stars in Little Dwarf Galaxies (PI Andrews), GO15093, 18 orbits         |  |
| “”   | Stars and gas in the most metal-deficient galaxies in the universe (Wofford), GO15220, 9 orbits    |  |
| 2016 | A Definitive Test of Rotational Mixing in Massive Stars (PI Proffitt), GO14673, 14 orbits          |  |
| 2015 | Primordial Binary Fraction in Trumpler 14 (PI E Sabbì) GO14107, 11 orbits                          |  |
| “”   | Long-Lost Companions: Binary Secondaries of Three Nearby Supernovae (PI Fox) GO14075, 9 orbits     |  |
| 2014 | The Orion Nebula Cluster as a Paradigm of Star Formation.” (PI M. Robberto) GO13826, 52 orbits     |  |
| “”   | Most massive overcontact binary known: on the verge of coalescence? (PI Sana), GO13806, 8 orbits   |  |
| “”   | A 3D view of massive cluster formation in the SMC. (PI Sabbì), GO13680, 5 orbits                   |  |
| 2013 | Time-Lapse Movie of the Kinematics Across the Carina Nebula (GO13390, PI N. Smith), 31 orbits      |  |
| “”   | LEGUS: Legacy Extra Galactic UV Survey (GO13364, PI Calzetti), 154 orbits                          |  |
| 2012 | HTTP: Hubble Tarantula Treasury Project (GO12939, Pi: E. Sabbì), 60 orbits                         |  |
| “”   | Proper Motions of Massive Stars near the Galactic Center (GO12915, PI: D. Lennon), 36 orbits       |  |
| “”   | Westerlund 2, top to bottom: how massive star clusters form (GO13038, PI: A. Nota), 7 orbits       |  |
| “”   | Searching for prolonged star cluster formation in H alpha (GO12011, PI: Th. Puzia), 2 orbits       |  |
| 2011 | Proper Motions of Massive Stars in 30 Doradus (GO12499, PI: D. Lennon), 30 orbits                  |  |
| “”   | CCC: The Cosmic Carbon Conundrum (GO12472, PI: C. Leitherer), 29 orbits                            |  |
| “”   | A Massive Star Census of the Starburst Cluster R136 (GO12465, PI: P. Crowther), 9 orbits           |  |
| “”   | Multiple populations in stellar clusters (AR12642, PI: V. Kozhurina-Platais & A. Dotter), Archival |  |

**Other facilities (Chandra, ALMA, NuStar, VLA, CFHT)**

|      |   |  |
|------|---|--|
| 2016 | <b>Very Large Array (VLA):</b> DDT VLA/16A-447 Probing the Sub-Parsec Environment of the Type 1b SN2016bau (PI Margutti)  |  |
| 2016 | <b>Chandra – NuSTAR:</b> Mapping extreme mass loss from evolved massive stars with coordinated Chandra-NuSTAR observations, proposal 18500379 (PI Margutti), 30 ks Chandra + 100ks NuSTAR |  |



- 2014 **ALMA** The extreme UV through ALMA's eyes: a unique probe of the ionizing power of starbursts and SMBHs (PI Scoville) Cycle 2: 2013.1.00111.S, 6.6 h
- 2013 **Chandra X-ray Observatory**: T-ReX: The Tarantula Revealed by X-rays (X-ray Visionary Project 15900142, PI Townsley), 2000 Ksec
- 2012 **Canadian French Hawaiian telescope (CFHT)**, BinaMIcS: Binarity and Magnetic Interactions in various classes of stars, (ESPaDOs Large Program, PI: Alecian, involved as cons. member) 606 hrs

## ORGANISATION OF (INTERNATIONAL) SCIENTIFIC MEETINGS

### As primary/main organizer, Chair or CoChair

- 2015 – now **Colloquium Organizer** Anton Pannekoek Colloquium Series, Amsterdam, NL
- 2017 **Chair ( w/ Mandel)** Lorentz Center Workshop, EM signatures of BH mergers, Leiden NL
- 2017 **Organizer/SOC:** KITP workshop Massive Stars Santa Barbara, CA, USA
- 2015 **Chair (co-chaired w/ Sana)** Lorentz Center Workshop Impact of binaries on the Universe, NL
- 2012 – 2013 **Colloquium Organizer** STScI, weekly audience ~100 people, Baltimore, MD, USA

### As co-organizer / member of Scientific/Local Organizing Committee (SOC/LOC)

- 2019 Scientific Advisor: Gravitational-Wave Physics and Astrophysics, KITP workshop, Santa Barbara, US
- 2018 SOC: Physics of Massive Stars from ZAMS to LIGO, Ensenada, Mexico
- 2018 SOC: IAU General Assembly "Binaries, Multis and Astrostatistics at the Crossroads", Vienna, Austria
- 2017 SOC: Ages<sup>2</sup>: Taking stellar ages to the next power, Elba, Italy
- 2017 SOC: Kavli Summer Program, Astrophysics with gravitational wave detections, Copenhagen, DM
- 2017 SOC: The Physics of evolved stars II, the role of binarity, Nice, France
- 2017 SOC: Impact of Binaries on Stellar Evolution, Garching, Germany
- 2016 SOC: From Stars to Massive stars, Gainesville, ~ 100 participants, FL, USA
- 2016 SOC: COSPAR symposium Massive Binaries Turkey~ 30 participants, (cancelled)
- 2015 SOC: The dynamic Universe, Aspen, ~ 30 participants, CO, USA
- 2015 SOC: Understanding Nebular Emission in High redshift Galaxies, ~ 50 participants Pasadena, CA, USA
- 2014 SOC: Binary Systems ~120 participants, Ulaan Bataar, Mongolia
- 2014 SOC: Orion Nebula Cluster, ~50 participants Baltimore, Md, USA
- 2013 SOC: Massive stars from alpha to omega, ~150 participants, Rhodes, Greece
- 2012 SOC: 30 Doradus, ~50 participants, Baltimore, MD, USA
- 2012 SOC: Intermediate Transients, ~40 participants, Baltimore, MD, USA
- 2006 LOC: Mass loss from Stars & Clusters, Lunteren, NL
- 2006 LOC: Dutch Astronomy Conference, Vlieland, NL

## MAJOR INTERNATIONAL COLLABORATIONS / CONSORTIA

- 2017 – now Science Case Team Working Group Compact Binaries, Science Case for 3G detectors
- 2016 – now Management team COST Action Network “CheTECH”, Lead of Dutch participation
- 2015 – now Member of LISA-NL consortium
- 2015 – now Member of PLATO complementary science team
- 2008 – now VLT-FLAMES Massive Stars Consortium: pan-European collaboration organized a large ESO spectroscopic program, PI Evans (Edinburgh, UK)
- 2013 – now LEGUS: HST Legacy Extra Galactic UV Survey collaboration organized around a Hubble Treasury imaging program PI Calzetti/Lee (Baltimore, Md)
- 2012 – now HTTP: HST Treasury data set of the Tarantula Nebula: proper motion and photometric program with the Hubble Space Telescope
- 2012 – now BinaMIcS: Binarity and Magnetism in Stars PI Alecian (Paris, France)

## SELECTION COMMISSIONS OF TRUST AND MEMBERSHIP OF SOCIETIES

- 2010 - now Reviewer for various refereed journals including Monthly Notices of the Astronomical Society, Astronomy and Astrophysics, the Astrophysical Journal and the Astrophysical Journal Letters
- 2018 EAS Prize committee
- 2018 - 2014 NASA Time Allocation Committee Hubble Space Telescope: panel member (2014, 2018) and external reviewer (2015, 2016)

|             |  |
|-------------|--|
| 2018        | Expert Reviewer Israeli Science Foundation                               |
| 2014, 2015  | Expert reviewer for OPTICON  |
| 2013        | Expert Reviewer for Science and Technology Foundation Council (STFC), UK |
| 2015 - now  | Member of the European Astronomical Society                              |
| 2012 - now  | Member of the International Astronomy Union                              |
| 2016 - 2017 | Member of the American Physics Society                                   |
| 2010 - 2014 | Member of the American Astronomical Society                              |

## UNIVERSITY & NATIONAL SERVICE WORK

|             |   |
|-------------|---|
| 2018        | Committee tasked with redesigning the curriculum of the combined VU-UvA Physics Bachelor  |
| 2017 - now  | NOVA Research Committee: advisory committee to the board of the Netherlands Astronomy School  |
| 2016 - now  | Committee for the Van der Waals Lectureship series  |
| 2015 - now  | <b>Primary Organizer/coordinator</b> of API weekly astrophysics colloquium series   |
| 2017        | Organizer of the Dutch Theory Retreat   |
| 2017        | <b>Chair</b> of API MSc thesis prize committee  |
| 2016        | Member of the API 2016 MSc thesis prize committee   |
| 2015 - now  | Member of the committee for joint activities UvA/VU Department of Physics and Astronomy   |
| 2015 - 2017 | Member of the sounding board UD/UHD/TT for the dean   |
| 2001 - 2003 | Member of the educational advisory committee (Onderwijs Advies Commissie) at Utrecht University   |
| 2001 - 2002 | Board Member of the student council of the faculty of physics and Astronomy, Utrecht University   |
| 2001 - 2002 | Student Member of the Management Team of the Educational institute of the faculty, Utrecht University   |
| 1997 - 2000 | President (1998-1999) and member of the student council, Geert Groote College, Deventer, NL   |
| 1998        | Member of the “Sollicitatie / Benoeming Advies Commissie”, a committee tasked with the selection of candidates for the position of section coordinators, Geert Groote College, Deventer, NL   |
| 1997-1999   | Member of the Nationale Medezeggenschapsraad (representative advisory board), Stichting Carmel<br><i>Stichting Carmel is the national organization that unites 50 high schools throughout the country, among which my former high school. I acted as student member in the (representative advisory board) at the national level.</i> |
| 1997-1999   | Member of the “Medezeggenschapsraad” (representative advisory board), Geert Groote College, Deventer<br><i>This council consisting of teachers, parents and students acted as a formal sounding board and advised in various matters regarding any educational and management matters.</i>  |

## MENTORSHIP AND STUDENT SUPERVISION

### As Primary Supervisor or Mentor

#### **Senior group members: Associates and Postdoctoral Researchers (4)**

|             |  |
|-------------|--|
| 2018 – now  | Prof. Stephen Justham, associate researcher and visiting professor |
| 2018 – now  | Dr. Athira Menon, postdoctoral researcher                          |
| 2017 – now  | Dr. Robert Farmer, postdoctoral researcher                         |
| 2016 – 2019 | Dr. Silvia Toonen, independent prize fellow, VENI fellowship       |

#### **PhD students (5)**

|             |  |
|-------------|--|
| 2019 – now  | Lieke van der Son, PhD student   |
| 2017 – now  | Eva Laplace, PhD student   |
| 2015 – now  | Mathieu Renzo, PhD student, graduating Fall 2019                       |
| 2014 – 2019 | Dr. Ylva Götberg, PhD student, graduated February 7, 2019              |
| 2014 – 2018 | Dr. Emanouil (Manos) Zapartas, PhD student, graduated December 7, 2018 |

#### **MSc Students (11)**

|             |  |
|-------------|--|
| 2018 – now  | Javier Moran Fraille, UvA MSc student            |
| 2018 – 2019 | Miron van der Kolk, UvA MSc student (w/Farmer)   |
| 2017 – 2018 | Floor Broekgaarden, UvA MSc student (w/Justham)  |
| 2017 – 2018 | Karel Temmink, UvA MSc student (w/Toonen)        |
| 2017 – 2018 | David Hendriks, UvA MSc student (w/Renzo)        |
| 2016 – 2018 | Walter van Rossem, UvA MSc student (w/Moravveji) |

|             |                                     |
|-------------|-------------------------------------|
| 2016 – 2017 | Louise Edstam, UvA MSc student      |
| 2015 – 2016 | Coen Neijssel, UvA MSc student      |
| 2015 – 2016 | Ruben Boots, UvA MSc student        |
| 2014 – 2015 | Abel Schootemeijer, UvA MSc student |
| 2013 – 2014 | Emanouil Zapartas, UvA MSc student  |

### **BSc Students (8)**

|            |   |
|------------|---|
| 2018, 2017 | Thomas Dodds, UvA BSc student, astrovaria project |
| 2016       | Floor Broekgaarden, UvA BSc student               |
| 2016       | Max Briel, UvA BSc student                        |
| 2015       | Timothy Mans, UvA undergraduate project           |
| 2015       | Jur Haartman, UvA undergraduate project           |
| 2009       | Adrian Hamers, UU, BSc student                    |
| 2008       | Mark Verkoulen, UU, BSc student                   |
| 2007       | Michiel Cottaar, UU, BSc student                  |

### Former students that continued were avardee fellowships or continued in academic positions:

|      |  |
|------|--|
| 2019 | M. Renzo has been offered different prize fellowships and is still deciding.                       |
| 2019 | J. Moran Fraille has been offered different PhD positions and is still deciding                    |
| 2018 | Dr. S. Toonen has been offered and accepted a <b>faculty position at Birmingham University, UK</b> |
| 2018 | Dr. Y. Göteborg, has been offered a <b>Carnegie Postdoctoral Fellowship, US</b>                    |
| 2018 | Dr. E. Zapartas has been offered a <b>postdoctoral position at the University of Geneva.</b>       |
| 2018 | F. Broekgaarden, has been accepted in <b>Harvard's PhD program</b>                                 |
| 2018 | K. Temmink, PhD at Radboud University Nijmegen, NL   |
| 2018 | D. Hendriks, PhD at Surrey University, UK  |
| 2018 | W. van Rossem, PhD at Birmingham's University  |
| 2015 | C. van Neijssel (PhD Birmingham)   |
| 2014 | N. Grin, co-supervisor (PhD Bonn)  |
| 2014 | A. Schootemeijer (PhD Bonn, postdoc in Bonn)   |
| 2013 | E. Zapartas (PhD Amsterdam, continued in my group)   |
| 2010 | A. Hamers (PhD in Leiden, Postdoctoral fellow at IAS Princeton)                                    |
| 2009 | M. Cottaar (PhD at ETH in Zurich, Postdoc at Oxford University)                                    |

### Host/Mentor of visiting students and postdocs (short collaboration visits)

|         |  |
|---------|--|
| 2019    | Postdoc Antonia Bevan (CHeTeCH Cost Action Visitor)  |
| 2019    | Postdoc Tomer Shenar (CHeTeCH Cost Action Visitor)   |
| 2018    | PhD student Moritz Pleintinger (CHeTeCH Cost Action Visitor)                               |
| 2016, 8 | PhD student: Alejandro Vigna-Gómez, now PhD student in Birmingham, UK                      |
| 2016    | Postdoc: Saida Caballero-Nieves, now faculty at Florida Institute for Technology, FL, USA  |
| 2016    | PhD student: Dorrotya Szecsi, postdoctoral fellow in Prague, Czech Republic, Birmingham UK |
| 2016    | PhD student: Simon Stevenson, postdoc in Australia   |
| 2015    | PhD student: Pablo Marchant, postdoctoral fellow at Northwestern University, USA           |

## EXAMINATION OF GRADUATE STUDENTS

|      |  |
|------|--|
| 2019 | Reading committee and PhD Examiner for A. Jaodand (U. Amsterdam)         |
| 2018 | Reading committee and PhD Examiner for M. Ramirez Tannus (U. Amsterdam)  |
| 2017 | PhD Examiner for T. Wijnen (Radboud Univ. Nijmegen)                      |
| 2016 | Reading committee & PhD Examiner for S. Repetto (Radboud Univ. Nijmegen) |
| 2015 | PhD Examiner for C. Abate (Radboud Univ. Nijmegen)                       |
| 2015 | PhD Examiner for R. Andrassy (Amsterdam/MPA Garching)                    |
| 2014 | PhD Examiner for O. Ramirez-Agudelo (Amsterdam)                          |



## TEACHING

|            |  |
|------------|--|
| 2019       | Stellar Evolution (Graduate Level Course, University of Amsterdam, 6 EC)   |
| 2018       | Computational Astrophysics (Graduate Level Course, University of Amsterdam, 6 EC)<br>Guest lecturer, Big History, massive open online course (Non-science majors. University of Amsterdam)   |
| 2017       | Computational Astrophysics (Graduate Level Course, University of Amsterdam, 6 EC)<br>Lecturer, MESA (open source stellar evolutionary code) summer school, UCSB<br>Guest lecturer in Open Problems in Astrophysics (Graduate level course, University of Amsterdam)<br>Guest lecturer “Big History”, massive open online course (Undergrad level, University of Amsterdam)                     |
| 2016       | Computational Astrophysics (Graduate Level Course, University of Amsterdam, 6 EC)<br>Guest lecturer “Big History”, massive open online course (Non-science majors. University of Amsterdam)  |
| 2015       | Guest lecturer in Advanced Stellar Evolution (Graduate level course, University of Amsterdam)<br>Guest lecturer in Open Problems in Astrophysics (Graduate level course, University of Amsterdam)  |
| 2003 -2009 | Teaching Assistant Advanced Stellar Evolution (Graduate level course, University of Utrecht)<br>Teaching Assistant Advanced Thermal Physics (Advanced Undergrad course, University of Utrecht)<br>Teaching Assistant Quantum Mechanics (Undergraduate level, University of Utrecht)<br>Teaching Assistant Special Relativity, Classical Mechanics, Optics (Undergrad. Level, Univ. of Utrecht) |
| 2005       | Volunteer Teacher, Bilingual primary school in rural area in Guatemala   |
| 2001       | Volunteer Teacher, Summer school Amsterdam Bijlmer, The Netherlands  |

## PRESS RELEASES

(incomplete)

|            |   |              |
|------------|---|--------------|
| Dec 2018   | Elected as member of the Dutch Young academy of Sciences  | KNAW         |
| Jan 2018   | Massive stars more common than scientist thought, Schneider et al. 2018                         | Science/NOVA |
| Jan. 2017  | NuSTAR Finds New Clues to 'Chameleon Supernova, Margutti et al. 2017                            | NASA/JPL     |
| Sept, 2016 | ERC starting grant voor twee Nederlandse Astronomen   | NOVA         |
| March 2016 | Hubble Unveils Monster Stars, Crowther et al. 2016  | NASA/STScI   |
| Oct 2015   | Final Kiss of Two Stars Heading for Catastrophe, Almeida et al. 2015                            | ESO          |
| Sept 2015  | Snoeihete ster ontploft binnen 1500 jaar, for Tramper et al. 2015                               | NOVA         |
| April 2015 | Hubble's 25 <sup>th</sup> birthday, a fly through the Westerlund 2 cluster, Zeidler et al. 2015 | NASA         |
| July 2014  | Galaxy with a glowing heart, image release LEGUS survey, for Calzetti et al. 2014               | ESA/NASA     |
| July 2012  | The brightest stars don't live alone, for Sana & De Mink et al., Science 2012                   | ESO/STScI    |
| Aug 2012   | Seeing double in 30 Doradus, for Sabbi et al. 2012  | NASA/STScI   |
| April 2012 | Hubble's 22 <sup>nd</sup> anniversary image, for GO12499  | NASA/STScI   |
| Dec 2011   | Fastest rotating star found in neighboring galaxy, for Dufton et al., ApJL 2011                 | ESO/STScI    |
| April 2010 | Utrechtse astronome onderzoekt met hubble fellowship de allerzwaarste sterren                   | NOVA         |
| Nov 2009   | Dubbelsterren hoofdverdachten van vervuiling sterhopen, for de Mink et al., 2009                | NOVA         |
| March 2009 | Zwaar zwart gat in dubbelster M33-X7 verklaard, for de Mink et al., 2009                        | NOVA         |

NOVA = Netherlands school for astronomy, STScI = Space Telescope Science Institute

Further selection of outreach activities

|           |  |
|-----------|--|
| 2018      | Book presentation children book on binary black holes. “Femke en het zwarte gat ..”    |
| 2017      | Founding member online network for women in theoretical and computational astrophysics |
| 2017      | Organizer Local Hack event for women   |
| 2016      | FNWI/API speaker in beta break lecture series Spui25                                   |
| 2009      | Science Museum Lecturer, Science for Children  |
| 2008      | Popular lecture at the Youth Association for Astronomy in Utrecht, NL.                 |
| 2007-2008 | Organizer of the Dutch Astronomy Olympiad 2008   |
| 2005      | Primary organizer of a one day Astrophysical Student Symposium, Utrecht University     |
| 2000-2005 | Open science days and high school visits to promote science                            |

## MEDIA APPEARANCE (INTERVIEWS, FEATURES)

(incomplete)

|          |   |
|----------|---|
| 2019 Jan | Newspaper Telegraaf, featured as new member of the young academy of sciences  |
| 2018 Nov | Volkskrant, interview about past collision of Milky way covering Helmi's work |
| 2018 Oct | Nieuwsuur Radio, phone interview on the status of Hubble's gyroscopes         |
| 2018     | Newspaper Parool: Personal research profile                                   |

- 2018 March New Scientist Magazine: Interview for an 8-page personal research profile
- 2018 Jan Interview for Volkskrant, “Obesitas in heelal: aantal sterren met overgewicht veel groter dan gedacht”  
<https://www.volkskrant.nl/wetenschap/obesitas-in-heelal-aantal-sterren-met-overgewicht-veel-groter-dan-gedacht~a4554160/>
- 2017 Oct Interview for New Scientist Netherlands on gravitational waves  
<https://newscientist.nl/nieuws/zwaartekrachtsgolf-botsende-neutronensterren-onthult-oorsprong-goud/>
- 2017 Oct Live Interview for Radio Nos op 3 on the binary neutron star merger
- 2017 Sep Feature in Dutch popular scientific magazine KIJK
- 2017 Feb Interview for **Discovery Channel** “How The Universe Works”: exclusive episode on Massive Binary Stars
- 2017 Feb Interview for **Science Magazine** in depth article on progenitors of binary black holes
- 2017 Feb Interview with **Quanta magazine** on r-process nucleosynthesis
- 2016 Nov 28 **Elsevier tijdschrift**: featured in an outlook for 2017 by 5 promising young Dutch scientist
- 2016 Sept 6 **Online Quanta magazine & podcast**: protagonist in feature “Colliding Black Holes tell story of the stars”  
<https://www.quantamagazine.org/20160906-black-hole-ligo-astronomy/>
- 2016 Aug 26 **Radio interview Een Vandaag** “Veel belovende Sterrenkundige in de race voor wetenschapstalent 2016”  
<http://www.nporadio1.nl/radio-eenvandaag/onderwerpen/372067-veelbelovende-sterrenkundige-in-de-race-voor-wetenschapstalent-2016>
- 2016 Aug 25 **Newspaper Parool**: Short interview related to nomination as “wetenschapstalent 2015”
- 2016 July, 1 **Magazine Filosofie**: Featured in item over “verwondering” by Roeline Bos  
<https://www.filosofie.nl/nl/artikel/45979/lezersenquête-profielen-van-verwonderaars.html>
- 2016 March 17 **BBC** “Hubble spies the land of giants” featuring research on most massive stars  
<http://www.bbc.com/news/science-environment-35833873>
- 2015, Nov 25 **Magazine AmsterdamScience**, Interview for cover feature on 25 years of Hubble  
<http://www.amsterdamscience.org/hubbles-25-th-birthday/>
- 2015 Nov 7 **Newspaper Parool**: Listed as one of nine young Amsterdam academics that are making impact worldwide
- 2015 Oct 25 **Newspaper Le Monde**: Mentioned in “Deux étoiles géantes s’embrassent avant leur fin tragique”  
<http://passeurdessciences.blog.lemonde.fr/2015/10/25/deux-etoiles-geantes-sembrassent-avant-leur-fin-tragique/>
- 2015 Oct 21 **TV CBS News**: cited in “Stars locked in potentially fatal cosmic kiss”  
<http://www.space.com/16767-massive-stars-companions-merge-vampire-stars.html>
- 2015, Oct 21 **Newspaper NRC**: mentioned in a feature of the over contact binary  
<https://www.nrc.nl/nieuws/2015/10/23/deze-sterren-slokken-elkaar-op-1551209-a170946>
- 2015, Oct 21 **TV item De Kennis van Nu**: Interview  
<http://dekennisvannu.nl/site/artikel/Bijzondere-dubbelster-ontdekt/7609>
- 2015 Oct 21 **Newspaper Volkskrant**: Featured research “Innige zoen van ster VFTS 352 is hoe dan ook een doodskus”  
<http://www.volkskrant.nl/wetenschap/innige-zoen-van-ster-vfts-352-is-hoe-dan-ook-een-doodskus~a4167988/>
- 2015 Aug, 1 **Magazine Libelle**: 5 page personal professional feature
- 2015 March 4 **TV NPO Wetenschap**: De Hubble ruimte telescoop  
[http://www.npo.nl/de-kennis-van-nu/04-03-2015/VPWON\\_1236022](http://www.npo.nl/de-kennis-van-nu/04-03-2015/VPWON_1236022)
- 2012, July 26 **Popular Science Website space.com** feature on Science Paper  
<http://www.space.com/16767-massive-stars-companions-merge-vampire-stars.html>
- 2012, July 2015 **News website Daily mail** mentioned in “Attack of the vampire sun”  
<http://www.dailymail.co.uk/sciencetech/article-2178851/Attack-vampire-sun-Astronomers-spot-binary-star-sucks-life-another.html>
- 2011, Dec 20 **Podcast ScienceUpdate.com** interview about the fastest spinning star  
<http://www.scienceupdate.com/2011/12/star/>
- 2011, Dec 2 **News website nu.nl**: mentioned in feature on the fastest rotating star  
<http://www.nu.nl/wetenschap/2683653/snelst-draaiende-ster-ooit-ontdekt.html>
- 2010, April 10 **Radio Interview Radio 1** **journaal**: live feature on Hubble fellowship and dubbelsterren
- 2010, April 9 **Newspaper Volkskrant**: mentioned in feature related to NASA fellowship  
<http://www.volkskrant.nl/wetenschap/nederlandse-astronome-krijgt-beurs-voor-nasa~a982686/>