

CURRICULUM VITAE

Dr. S. (Selma) E. de Mink

Astrophysicist - MacGillavry Assistant Professor
 Anton Pannekoek Instituut voor Sterrenkunde, Univ. of Amsterdam,
 PO Box 94249, 1090 GE Amsterdam, The Netherlands
S.E.deMink@uva.nl / <http://www.selmademink.com>

RESEARCH POSITIONS

2014 – now	MacGillavry Assistant Professor , Univ. of Amsterdam, NL <ul style="list-style-type: none"> • PI of the ERC starting grant funded project BinCosmos (2017-now) • PI of VIDI grant BinWaves (2018-now) • Marie Curie Incoming Fellowship (2015-2017)
2013 – 2014	Einstein & Princeton Lyman Spitzer Fellow (Combined prize fellowships, 100% independent research) California Institute for Technology & Carnegie Observatories, Pasadena, CA, USA
2010 – 2013	Hubble postdoctoral Fellow (NASA prize fellowship, 100% 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 Fellowship , Instituto d'Astrofiscia 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 Thesis: Stellar evolution at low metallicity, Supervisor: Dr. O.R. Pols	Cum Laude
2003-2005	MSc, Astrophysics, Utrecht University, NL, Awarded Oct. 24 2005	Cum Laude
2000-2004	BSc, Mathematics, Utrecht University, NL, Awarded Oct. 31 2005	Cum Laude
2000-2003	BSc, Physics, Utrecht University, NL, Awarded Oct. 24 2005	Cum Laude

SELECTED AWARDS, HONORS, PRIZES

2017	Vidi laureate, awarded by Netherlands Science Foundation (NWO)	800 k€	
2017	MERAC Prize Best Early Career Researcher 2017 in Theoretical Astrophysics awarded by the European Astronomical Society	20 k€	
2017	Beller Lectureship , awarded by American Physical Society		2 k€
2016	ERC starting grant , awarded by European Research Council	1,900 k€	
2016	Nomination New Scientist Science Talent 2016 , Dutch and Flemish Universities		
2015	Top grant , Netherlands Science Foundation (NWO)	220 k€	
2015	Marie Curie Fellowship , awarded by European Council	166 k€	
2014	MacGillavry Fellowship , Amsterdam Univ. (estimated excl. PI salary)	450 k€	
2013	Princeton Lyman J. Spitzer Fellowship , awarded by Princeton University		180 k€*
2013	Einstein Fellowship , awarded by NASA		266 k€*
2010	Hubble Fellowship , awarded by NASA	260 k€	
2004	IAC summer Fellowship , Instituto d'Astrofiscia de Canarias, Spain		2 k€
2000	International Physics Olympiad, "Honorable Mention" , Leicester UK		

PUBLICATIONS STATS & MOST HIGHLY CITED AND MOST RECENT PAPERS

Total number of citations:	> 3900	Hirsch factor	31
Papers with > 100 citations*	11	Total number of refereed papers	>75

*Five as 1st author, three as 2nd author & two as 3rd author, SOURCE: NASA/ADS

Best cited papers as 1st, 2nd or 3rd author (abbreviated titles)

>510 citations	Sana & de Mink et al. (2012), Science 337, 444 “ Binary Int. Dominates the Evolution of Massive Stars ”
>323 citations	Brott & de Mink et al. (2011), A&A 530, 115 “ Grids of Rotating massive main-sequence stars ”
>251 citations	De Mink et al. (2009) A&A, 507, 1 “ Massive binaries as source of abundance anomalies in glob. clusters ”
>158 citation	De Mink et al. (2013) ApJ 764, 166, “ Rotation Rates of Massive Stars: The Role of Binary Interaction ”
>157 citations	Sana, de Koter & de Mink et al. 2013, A&A 550, 107, “ Multiplicity of the Tarantula O-type stars ”
>154 citations	Bastian, Lamers & de Mink et al. MNRAS, 436, 2398, “ Early disc accretion & glob. cluster abundances ”
>116 citations	De Mink et al. (2009) A&A 497, 243, “ Rotational mixing in detached short-period massive binaries. ”
>104 citations	De Mink et al. (2014) ApJ, 782, 7, “ Incidence of Mergers and Mass Gainers among Massive Stars ”
>98 citation	Mandel & de Mink (2016) MNRAS, “ Merging binary black holes through chem. hom. evolution ”
>95 citations	Bastian & de Mink (2009) MNRAS, 398, 11, “ Effect of rotation on colour-magnitude diagrams ”
>66 citations	de Mink et al (2007), A&A, “ Efficiency of mass transfer in massive close binaries. ”
>65 citation	de Mink & Mandel (2016), MNRAS, “ LIGO rates for binary black holes through chem. hom. channel ”
>55 citations	Claeys & de Mink et al. (2011), A&A “ Binary progenitor models of type IIb supernovae ”
>49 citation	de Mink & Belczynski (2015), ApJ “ Merger Rates of Double Neutron Stars and Black Holes ”

Citations updated Feb 1, 2018 based on NASA/ADS counts

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

2017 Nov 21	Invited talk , Flatiron meeting on binary neutron star mergers, NY, USA
2017 Sept, 11	Invited review , Progenitors of Gravitational Wave sources, Royal Society, UK
2017 June, 28	Invited review , Gravitational wave Physics, Paris, France
2017 June, 27	MERAC prize lecture, Invited talk , European Astronomical Society, Prague, CR
2017 June, 1	Invited review , Transients and the LSST revolution, Chicago, USA
2017 April, 18	Invited participant/panel member , Cas A topical workshop, Princeton, NJ, USA
2017 Feb, 27	Invited review , StrongGrav workshop, Oxford, MI, USA
2017 Jan, 30	Beller Prize Lecture, Invited talk , American Physical Society meeting, DC, USA
2016 Oct. 20	Invited talk , Emission line galaxies at high redshift, Lorentz Center Workshop, Leiden, NL
2016 Sep. 21	Invited talk , Year opening of the Department of physics and astrophysics, Amsterdam, NL
2016 Sep. 13	Invited Review Gravitational wave progenitors, MIAPP, Munich, Germany
2016 Sep. 13	Plenary Talk Invited , Astronomische Gesellschaft, Bochum Germany
2016 Aug.	Invited Review , Gravitational wave progenitors Gravitational Waves in Paris, France,
2016 Aug.	Invited Review , Binary evolution Stars on the run, Bamberg, Germany
2016 Aug.	Invited Talk , Astrophysics of the first gravitational waves, KITP, Santa Barbara, CA, USA
2016 July 26	Invited Talk Conference Binaries, Cambridge, UK
2016 July 7	Invited Talk , Conference of European society EWASS, Athens, Greece
2016 June 1	Invited Talk , Bridging the Gap, Supernova Royal Society Meeting UK
2016 May 17	Invited Talk , Sackler Conference Transients, Harvard, Cambridge MA, USA
2016 April 7	Invited Talk , Massive Stars and Star formation conference, Gainesville Florida
2016 Feb. 23	Invited Talk , DARK Cosmology Center Feedback Workshop, Copenhagen, Denmark
2015 Aug.	Invited Talk , General Assembly, Focus meeting Galaxies and Stellar populations, Honolulu, HI, USA
2015 Aug.	Invited Talk , General Assembly, Focus meeting Stellar Explosions, Honolulu, HI, USA
2015 May 11	Invited Talk , Gravitational wave meeting Cardiff, UK
2015 May 6	Contributed talk Gaia-ESO survey, Brussels, Belgium
2015, April 21	Invited talk , 25 th years of Hubble celebration meeting, STScI, Baltimore, Md, USA
2015, Jan 23	Contributed talk, Aspen meeting on Black holes, CO, USA
2014 Oct 8	Invited Talk , Time Domain Astrophysics with the Giant Magellan Telescope, Washington DC, USA
2014 Aug	Invited Review , Supernova in the local universe, Coffs Harbour, New South Wales, Australia
2014 Aug	Invited Talk , Gravitational Wave Astrophysics at COSPAR assembly, Moscow, Russia
2014 July	Invited Keynote Talk , A Critical Look at Globular Cluster Formation Theories, Sexten, Italy

2014 March	Invited Talk , Stellar Tango at the Rockies, Lake Louise, Alberta, Canada
2013 Nov	Invited Talk , Palomar Transient Factory, Science meeting, Santa Barbara, CA, USA
2013 Oct	Invited Talk , Einstein Fellow Symposium, Harvard, Cambridge, MA, USA
2013 Oct	Invited Talk , Palomar Transient Factory Sky House meeting, Santa Barbara, CA, USA
2013 Oct	Invited Talk , Massive Stars from alpha to omega, Rhodes, Greece
2013 Sep	Invited Seminar , TAPIR center for theoretical astrophysics, California Institute of Technology, CA, USA
2013 March	Invited Talk , 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	Invited Talk , Aspen workshop on Massive stars and Gamma-ray bursts, Aspen, CO, USA
2011 Dec	Invited Talk , Lorentz Center Workshop Modelling Dense Stellar systems, Leiden, NL
2011 Sept	Invited Seminar , Stellar rotation: nature or nurture, KITP, Santa Barbara, CA, USA
2011 Sept	Invited Talk , 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	Invited Talk , 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 th 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	Invited Review , JINA workshop Building virtual galaxies, Lansing, MI, USA
2009 Sept	Invited Talk , 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	Invited Talk , 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 st century, Sanya, Hainan, China

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

2018, May 8	Invited Talk, Sackler Conference on Gravitational waves, Cambridge, MA, USA (scheduled)
2018, Jan 23	Invited Review, Physics days Veldhoven, The Netherlands
2017, Oct 27	Invited Colloquium , NIKHEF, Amsterdam, The Netherlands
2017, Oct 18	Invited Colloquium , Max Planck Institute, Garching Germany
2017, May 9	Invited City-wide colloquium , Heidelberg, Germany
2016	Invited Colloquium , Saclay, Paris, France Invited Colloquium , Kapteyn Institute Groningen, The Netherlands
2015	Invited Seminar , Princeton University, NJ, USA Invited Colloquium , Harvard Center for Astrophysics, Cambridge MA, USA Invited city-wide Colloquium , Joint Astrophysics Colloquium Munich MPA/MPE/ESO/USM, Germany Invited Colloquium , Lund Observatory, Sweden
2014	Invited Colloquium , Dep of Astrophysics, California Institute for Technology, Pasadena, CA, USA Invited Colloquium , UC Berkeley, Dep. of astrophysics, CA, USA Invited Colloquium , UC Los Angeles, Dep. of astrophysics, CA, USA Invited Colloquium , UC Riverside, Dep. of astrophysics, CA, USA Invited Seminar , University of Birmingham, Dep. of astrophysics, UK Invited Colloquium , University of Warsaw, Poland Invited Colloquium , Monash University, Melbourne, Australia Invited Colloquium , American Museum of Nat History, NY, USA Invited Colloquium , University of Michigan, Ann Arbor, MI, USA Invited Colloquium , Michigan State University, Lansing, MI, USA
2013	Invited Colloquium , University of Arizona, Tucson, AZ, USA Invited Seminar , Anton Pannekoek Institute, University of Amsterdam, NL Invited Colloquium , University de Montreal, Canada Invited Colloquium , University of Florida Gainesville, FL, USA Invited Colloquium , University of Maryland, College Park, MD, USA

- 2012 **Invited Seminar**, Canadian Institute for Theoretical Astrophysics, Toronto, Canada
Invited Colloquium, Princeton University, NJ, USA, Invited Colloquium (main astrophysics colloquium)
Invited Seminar, University of California, Berkeley, Dep of astrophysics, theory seminar, CA USA
Invited Colloquium, Center for Cosmology and Particle Physics, NYU, NJ, USA
Invited Colloquium, Astronomisches Rechen-Institut, U. Heidelberg, Germany
Invited Colloquium, University of Minnesota, MN, USA
Invited Colloquium, Inst. d'Astrofiscia de Canarias de Canarias, Tenerife, Spain
Invited Colloquium, University of Delaware Newark, DE, USA

OBSERVING TIME AND FURTHER RESEARCH FUNDING

Awarded Observing time as Principle Investigator

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

Awarded Observing time as Co-Investigator

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

Very Large Telescope (ESO)

- 2018 **ESO large program**, The demographics of stellar-mass black holes (XSHOOTER, SINFONI, 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_{scii} super-bubble N₄₄ 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 **ESO large program**, The VLT-FLAMES Tarantula Survey (FLAMES 82.D-0222, PI: C. Evans, cons. member), 94.5 hrs

Various (Chandra, ALMA, NuStar, VLA, CFHT)

- 2016 **Very Large Array (VLA):** DDT VLA/16A-447 Probing the Sub-Parsec Environment of the Type 1b SN2016bau (PI Margutti)
- 2016 **Chandra – NuSTAR:** 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

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

As co-organizer

- 2018 SOC: New Era of Gravitational-Wave Physics and Astrophysics, KITP workshop, Santa Barbara, US
- 2018 SOC: IAU General Assembly "Binaries, Multis and Astrostatistics at the Crossroads", Vienna, Austria
- 2017 SOC: Ages²: 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
- 2016 Working Group member Stellar Lifecycles for X-ray Surveyor Science and Technology Definition Team
- 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), ~60 members
- 2013 – now LEGUS: HST Legacy Extra Galactic UV Survey collaboration organized around a Hubble Treasury imaging program PI Calzetti/Lee (Baltimore, Md), ~40 people
- 2012 – now HTTP: HST Treasury data set of the Tarantula Nebula: proper motion and photometric program with the Hubble Space Telescope, ~25 members
- 2012 – now BinaMiCS: Binarity and Magnetism in Stars PI Alecian (Paris, France), ~70 members

COMMISSIONS OF TRUST AND MEMBERSHIP OF SOCIETIES

2017/6/4	NASA Time Allocation Committee reviewer for Hubble Space Telescope
2014, 2015	Expert reviewer for OPTICON
2013	Expert Reviewer for Science and Technology Foundation Council (STFC), UK
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
2015 - now	Member of the European Astronomical Society
2012 - now	Member of the International Astronomy Union,
2010 - 2014	Member of the American Astronomical Society

UNIVERSITY & NATIONAL SERVICE WORK

2017 – now	Nova Research Committee member
2017	Chair of API MSc thesis prize committee
2016 – now	Committee for the Van der Waals Lectureship series
2015 – now	Primary Organizer/coordinator of API weekly astrophysics colloquium series
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 – now	Member of the sounding board UD/UHD/TT for the dean

STUDENT SUPERVISION

As Primary Supervisor

Postdoctoral Researchers and Fellows (2)

2017– now	Robert Farmer, postdoctoral researcher (start sept 2017)
2016– now	Silvia Toonen, independent postdoctoral fellow, VENI fellowship

PhD students (4)

2017 – now	Eva Laplace, PhD students
2015 – now	Mathieu Renzo, PhD student
2014 – now	Ylva Götberg, PhD student
2014 – now	Emanouil Zapartas, PhD student

MSc Students (9)

2017 – now	Karel Temmink, MSc student (w/Toonen)
2017 – now	David Hendriks, MSc student
2017 – now	Floor Broekgaarden, MSc student
2016 – now	Walter van Rossem, MSc student
2016 – 2017	Louise Edstam, MSc student
2015 – 2016	Coen Neijssel, MSc student
2015 – 2016	Ruben Boots, MSc student
2014 – 2015	Abel Schootemeijer, MSc student
2013 – 2014	Emanouil Zapartas, MSc student

BSc Students (9)

2017	Thomas Dodds, BSc student
2016	Floor Broekgaarden, BSc student
2016	Max Briel, BSc student
2015	Timonthy Mans, undergraduate project
2015	Jur Haartman, undergraduate project
2009	Adrian Hamers, BSc student
2008	Mark Verkoulen, BSc student
2007	Michiel Cottaar, BSc student

Former students that continued in academic positions:

2017	M. Renzo (KITP Santa Barbara, CA, 6 month Graduate student fellowship)
2015	C. van Neijssel (PhD Birmingham)
2014	A. Schootemeijer (PhD Bonn)
2014	N. Grin, co-supervisor (PhD 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 Zurich, Postdoc Oxford)

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

2018	PhD student Alejandro Vigna-Gómez
2018	PhD student Moritz Pleintinger
2016	Postdoc: Saida Caballero-Nieves, now faculty at Florida Institute for Technology, FL, USA
2016	Postdoc: Ehsan Moravveji, now Marie Curie Fellow in Leuven, Belgium
2016	PhD student: Dorrotya Szecsi, now postdoctoral fellow in Prague, Czech Republic
2016	PhD student: Alejandro Vigna-Gómez, now PhD student in Birmingham, UK
2016	PhD student: Simon Stevenson, now graduating in Birmingham, UK
2015	PhD student: Pablo Marchant, soon postdoctoral fellow at Northwestern University, USA

EXAMINATION OF GRADUATE STUDENTS

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

2017	Invited guest lecturer, MESA summer school
2017, 2017	Computational Astrophysics (Graduate level course)
20,17, 2015	Guest lecturer in Open Problems in Astrophysics (Graduate level course)
2015	Guest lecturer in Advanced Stellar Evolution (Graduate level course)
2015 - now	Guest lecturer “Big History”, massive open online course (Undergrad level)
2003 -2009	Teaching Assistant (Stellar Evolution, Thermal Physics, Quantum and Classical Mechanics, Optics)
2005	Volunteer Teacher, Bilingual primary school in rural area in Guatemala
2001	Volunteer Teacher, Summer school Amsterdam Bijlmer, The Netherlands

PRESS RELEASES

(incomplete)		
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 th 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 nd 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	

MEDIA APPEARANCE (INTERVIEWS, FEATURES)

(incomplete)	
2017 Oct	Interview for Radio Nos op 3 on the binary neutron star merger
2017 Oct	Interview for New Scientist.nl, gravitational wave detection of a binary neutron star merger

- 2017 Sep Feature in 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/lezersenquete-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://passeurdesciences.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://dekennisvanu.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
- 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/>

OTHER COMMUNITY AND OUTREACH ACTIVITIES

- 2017 Founding member online network for women in theoretical and computational astrophysics
- 2016 FNWI/API speaker in beta break lecture series Spui25
- 2016 Guest lecturer for the UvA Massive Open Online Course Big History

