

Curriculum Vitae – Anna Lisa Varri

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Institute for Astronomy, Royal Observatory, Blackford Hill, Edinburgh, EH9 3HJ, UK

School of Mathematics, The King’s Buildings, Peter Guthrie Tait Road, Edinburgh, EH9 3FD, UK

Theoretical and Mathematical Astrophysics • Stellar dynamics • Kinematic complexity • Gravitational N-body problem

Positions

University of Edinburgh, Scotland, UK

05/2019 – *present* UKRI Future Leaders Fellow — School of Physics and Astronomy and School of Mathematics

10/2015 – 10/2018 Marie Skłodowska-Curie Fellow, then Research Associate — School of Physics and Astronomy

09/2012 – 09/2015 Royal Commission for the Exhibition of 1851 Fellow — School of Mathematics

Visiting research appointments

11/2018 – 11/2019 JSPS - Royal Society Fellow, then Visiting Associate — Dept. of Astronomy, University of Tokyo, JP

08/2012 – 08/2013 The Gruber Foundation - IAU Fellow — Dept. of Astronomy, Indiana University Bloomington, IN, USA

09/2010 – 07/2011 Fulbright Visiting Graduate Student Researcher — Dept. of Physics, Drexel University, PA, USA

Education

Università degli Studi di Milano, IT — Dept. of Physics, Supervisor: G. Bertin

01/2009 – 07/2012 Ph.D. in Theoretical Astrophysics, January 2013 — Thesis: “Dynamics of globular clusters”

10/2005 – 04/2008 Master’s degree in Theoretical Physics, with highest honours (110/110 *cum laude*)

09/2002 – 09/2005 Bachelor’s degree in Physics, with highest honours (110/110 *cum laude*)

Fellowships and awards

2019 Caroline Herschel Prize Lectureship, William Herschel Society and Royal Astronomical Society
Future Leaders Fellowship, UK Research and Innovation (one of the twelve inaugural case studies)

2018 International Research Fellowship, Japan Society for the Promotion of Science and The Royal Society

2015 Marie Skłodowska-Curie Individual Fellowship, European Commission

2012 Research Fellowship, Royal Commission for the Exhibition of 1851
The Gruber Foundation Young Scientist Award, International Astronomical Union
Research Fellowship in Space Science, European Space Agency (declined)

2011 Research Fellowship for Theoretical and Particle Physics, Angelo Della Riccia Foundation
International Award for faculty and doctoral candidates, Drexel University

2010 “All Disciplines” Research Fellowship, US-Italy Fulbright Commission

2008 “Open Topic” National Doctoral Fellowship, Italian Ministry of Education

Invited research visits and programmes

2018	Institut d’Astrophysique de Paris (Lagrange Visitor, Aug.)	Paris, FR
	Johns Hopkins University, Dept. of Physics & Astronomy (TIPAC Visitor, Mar.)	Baltimore, USA
2017	Institute for Advanced Studies, School of Natural Sciences (Astrophysics Group, Dec.)	Princeton, USA
2015	Max Planck Institute fuer Astronomie (SFB Visitor, Aug.)	Heidelberg, DE
2014	Kavli Summer Program in Astrophysics (KSPA, formerly ISIMA): “Gravitational Dynamics”	CITA, Toronto, CA
2012	Cambridge University, Institute of Astronomy (IoA Visitor, Aug.)	Cambridge, UK
2009	Kavli Inst. for Theoretical Physics Program: “Formation and Evolution of Globular Clusters”	Santa Barbara, USA

Funding history

2019 – 2023	PI	Future Leaders Fellowship Grant (MR/S018859/1), UKRI <i>Salary support and research budget for PI and 3-year PDRA</i>	800,735 GBP
2020 – 2024	Co-I	Project de Recherche Collaborative: SEGAL, ANR (PI: C. Pichon)	627,000 EUR
2018 – 2020	PI	Research Grant-in-Aid, JSPS (KAKENHI-18F18787, relinquished)	1,800,000 JPY
2018 – 2020	PI	International Standard Fellowship Grant, JSPS (relinquished)	8,888,000 JPY
2017 – 2018	Co-I	International Team Grant, ISSI Bern (PIs: V. Hénault-Brunet, M. Gieles)	~20,000 CHF
2016 – 2019	Science Advisor	Research Project Grant, Leverhulme Trust (RPG-2015-408; PI: D. C. Heggie) <i>Salary for 3-year PDRA (P. Breen), research budget for PI, PDRA, two USA Co-Is</i>	174,630 GBP
2016 – 2017	PI	Research Incentive Grant, Carnegie Trust for the Universities of Scotland <i>Salary and travel budget for short-term PDRA (A. Zocchi)</i>	6,768 GBP
2015 – 2017	PI	Marie Skłodowska-Curie Action (NESSY, MSCA-IF-EF-RI-658088), EU H2020	183,455 EUR
2015	Co-I	Visitors to Scotland Grant, Royal Society of Edinburgh (PI: D. C. Heggie)	900 GBP
2012 – 2015	PI	Research Fellowship Grant, 1851 Royal Commission (2012–13 <i>in absentia</i>)	102,000 GBP
2012 – 2014	Co-I	PRIN 2010, MIUR (National PI: F. Matteucci; Unit PI: G. Bertin)	798,700 EUR
2012 – 2013	PI	IAU Research Fellowship Grant, The Gruber Foundation	50,000 USD
2012	PI	Research Grant, Angelo Della Riccia Foundation	3,600 EUR
2011	PI	International travel grants, Drexel University	1,000 USD
2010 – 2012	Co-I	PRIN 2008, MIUR (National PI: L. Ciotti; Unit PI: M. Lombardi)	42,902 EUR
2010 – 2011	PI	Fellowship and Travel Grant, US-Italy Fulbright Commission	11,500 USD
2009 – 2011	PI	Doctoral Fellowship (Cycle XXIV), Italian Ministry of Education (MIUR)	40,910 EUR

Summary of publications

Publications (total):	55	Refereed articles (2 under review):	35
Publications (1st author; as 1st advisor):	12, 22	Refereed articles (1st; 2nd; 3rd author):	3, 7, 15
Conference papers (total; 1st author):	17, 7	Refereed articles (as 1st, 2nd advisor):	16, 5
Invited reviews (1st author):	3	Refereed articles (after PhD; with ≤ 5 authors):	29, 26
ORCID: orcid.org/0000-0002-6162-1594		SCOPUS Author ID: 25931240600	

Observing time

Leading theorist Co-Investigator, for all programmes.

2019	UT4/MUSE (PI: E. Dalessandro, 0103.D-0545)	2 hours
	UT2/FLAMES (PI: M. Gieles, 0102.D-0164)	14.8 hours
2018	HAWK-I/GRAAL (PI: E. Dalessandro, Science Verification proposal 60.A-9467A)	1.7 hours
2017	HST (PI: F. R. Ferraro, Cycle 25, GO15232)	16 Orbits
2014	UT4/SINFONI, (PI: F. R. Ferraro, 195.D-0750)	Large Program
2013	UT2/FLAMES, (PI: A. Zocchi, 093.D-0628)	18.0 hours
	WIYN 0.9m/MOSAIC, (PI: E. Friel, 13A-0806)	6 nights
	WIYN 3.5m/pODI, (PI: E. Friel, 13A-0562)	2 nights
2012	UT3-Melipal/VIMOS, (PI: A. Zocchi, 091.D-0610)	11.1 hours

International research collaborations

Primary affiliation - Univ. Edinburgh (UoE): Institute for Astronomy, Applied and Computational Mathematics Group.

Scientific collaborator - Several groups active in observational (e.g., Cosmic-Lab, Bologna; Galactic Group, Indiana; HST-PROMO, STScI) and theoretical astrophysics (e.g., Computational Astrophysics, UTokyo; Gravitational Dynamics, IAP Paris; Galaxy Dynamics, Vienna; Astrophysics, Surrey; Theoretical Astrophysics, Milano; Stellar Dynamics, Udrexel).

Consortia and working groups

2019+	Member	<u>Small-JASMINE</u> - Japan Astrometry Satellite Mission for INfrared Exploration (PI: N. Gouda) <i>Confirmed as M-class mission candidate by ISAS/JAXA - Working Group: Galactic Centre Archeology</i>
2018+	Member	<u>MSE</u> - Maunakea Spectroscopic Explorer (Spox: A. W. McConnachie) <i>Forthcoming 10m-class multiobject spectroscopic facility - Science Team</i>
2018+	Contributor	<u>MAVIS</u> - MCAO Assisted Visible Imager and Spectrograph (PIs: F. Rigaut, R. McDermid) <i>Instrument concept for ESO VLT Adaptive Optics Facility - Crowded field astrometry science case</i>
2018+	Core Member	<u>MIKIS</u> survey - ESO Multi-Instrument Kinematic Survey of Galactic Globular Clusters (PI: F. Ferraro)
2015+	Member	<u>Gaia-ESO</u> survey (PIs: G. Gilmore, S. Randich)
2019+	Member	<u>SEGAL</u> - Secular Evolution of Galaxies (PI: C. Pichon)
2019+	Member	<u>Higgs Centre for Theoretical Physics</u> - Unit: Astrophysical Structure Formation
2013+	Member	<u>ECCA</u> - Edinburgh Centre for Computational Astrophysics
2013+	Member	<u>MODEST</u> - Modeling and Observing DENSE STellar systems (Coordinator of review article, 2018)
2012+	Core Member	<u>"Gaia Challenge - Collisional Systems"/ [GC]² Team</u> (co-PIs: M. Gieles, V. Hénault-Brunet)

Professional activities

PhD external examiner - Institutions: Univ. Bologna, IT (2016), Sterrewacht Leiden, NL (2015).

Reviewer - Funding bodies: UK Research and Innovation, National Science Centre Poland, Carnegie Trust for the Universities of Scotland, European Commission Research Executive Agency, National Commission for Scientific and Technological Research in Chile, American Astronomical Society – since 2013.

Referee - Journals: Physical Review Letters, Revista Mexicana de Astronomía y Astrofísica, Publications of the Astronomical Society of the Pacific, Astronomy & Astrophysics, The Astrophysical Journal/Letters, Monthly Notices of the Astronomical Society/Letters – since 2012.

Member - Professional societies: American Astronomical Society (2010 – 14).

Participant upon nomination - Interdisciplinary research fora (with nominating bodies): UK-Japan Frontiers of Science 2019 (The Royal Society and JSPS), European Research Night (EURAXESS Japan and JSPS), Nobel Prize Dialogue 2019 (JSPS).

Organization of conferences, workshops, seminar series

2020	SOC Member	ObAS Conference: "The origin of angular momentum in stellar systems"	Strasbourg, FR
2019	Organizer	New short seminar series: "Rotation in stars and stellar systems" (Fall 2019)	Tokyo, JP
2018	SOC Member	MPIA Conference: "Survival of dense star clusters in the Milky Way system"	Heidelberg, DE
2017	Session Chair	MODEST-17: "MODEST under Prague's starry skies"	Prague, CZ
	Session Chair	AAS Division of Dynamical Astronomy Meeting #48	London, UK
2016+	Organizer	ROE "Coffee Talks" by external visitors (2016 – 18)	Edinburgh, UK
2016	Organizer	New short seminar series: "UKATC@Coffee" (Spring-Summer 2016)	Edinburgh, UK
	Organizer	"Gaia Challenge - Collisional systems" Team Meeting	Edinburgh, UK
2015	Session Chair	MODEST-15S: "Celebrating Steve McMillan 60th birthday"	Kobe, JP
	SOC Chair	UoE Researchers meeting with Italian Consul General for Scotland	Edinburgh, UK
2012	LOC Chair	UniMi Conference "Recent advances in Galactic Dynamics"	Como, IT

Research supervision

Since 2009: 2 PDRA activities, 2 PhD theses, 3 MSc theses, 6 + 5 postgraduate projects, 2 BSc theses, 2 undergraduate projects. Dagggers denote the number of joint refereed publications (col/led by the advisee) resulted from collaborative activities.

Postdoctoral activities - Philip Breen ††† (2016 – 19, with D. C. Heggie); Alice Zocchi † (2016)

PhD theses - Frederika Phipps † (2018 – , with S. Khochfar); Maria Tiongco ††††† (2012 – 18, with E. Vesperini, Several awards, incl. 2016 AAS Duncombe Prize for Dynamics)

Postgraduate projects - Verónica Vázquez Aceves (2018 – , with P. Amaro Seoane); Simon Rozier † (2018 – , with C. Pichon, J. B. Fouvry); Ian Claydon † (2015 – 19, with M. Gieles); Kathrynne Daniel † (2014 – 16, with D. C. Heggie); Ben Bar-Or (2014 – 15, with D. C. Heggie); Filippo Contenta † (2014 – 15, with D. C. Heggie)

Postgraduate projects (secondary supervision) - Paolo Bianchini †† (2015 – 16, with G. van de Ven; 2014, with F. Renaud); Maxwell Cai † (2014 – 15, with M. Gieles, D. C. Heggie); Rosemary Shanahan (2014, with M. Gieles); Maria Cordero † (2012 – 13, with C. Pilachowski); Owen Boberg † (2012 – 13, with E. Friel)

MSc, MPhys theses - Sarah Heinzlmann (2017 – 18, with S. Khochfar); Paolo Bianchini †† (2011 – 12, with G. Bertin); Alice Zocchi †† (2009 – 10, with G. Bertin)

BSc theses - Catherine Gosmeyer (2012 – 13, with E. Vesperini, IU Award 2012); Paolo Bianchini (2009, with G. Bertin)

Senior Honours, Summer projects - Anna Oprandi (UoE Career Devel. Summer Scholar 2017); Doreen Xiong (2017)

Teaching

2016 – 2018	Second marker (= internal reviewer), Yr4 and MSc projects (3 in total)	Univ. Edinburgh
2016 – 2017	Workshop leader, “Introductory Astrophysics” (Module 3, Yr1 course, ~ 150 students)	School of Physics
2014 – 2015	Substitute lecturer (2 weeks; ~ 80 students) and Tutor (12 students) “Mathematics for Science and Engineering 1b” (= Real Analysis, Yr1 core course) Tutor for “Mathsbase” (= drop-in center for all Yr1 Maths/Eng core courses)	Univ. Edinburgh School of Maths
2014	Invited lecturer (2 lectures) & Supervisor, Advanced Int’l Research School (15 students) <i>Sole person responsible for the final phase, with daily individual sessions and closing workshop</i>	Kavli Summer Program (KSPA)
2013 – 2015	Observer (= external reviewer), Yr4/Yr5 projects (7 in total) Co-supervisor & Second marker, Yr4/MMath projects (3 in total, primary: M. Ruffert)	Univ. Edinburgh School of Maths
2012 – 2013	Guest lecturer (2 lectures), Graduate course A780 (~ 10 students) “Advanced lecture series on globular clusters”	Indiana University Dept. Astronomy

Mentoring and inclusion

Professional training - Participant (upon nomination by UoE College of Science) in “Research Leader Programme 2016”; various courses on team recruitment and management, with emphasis of equality, diversity and inclusion.

2019	Member School lecture	‘SOS Women UTokyo’ Support Group (Coord. M.S. Fujii) “My questions and life in astrophysics” Urawa Akenohoshi Girls School <i>As part of the JSPS Science Dialogue High School Program</i>	Tokyo, JP Saitama, JP
2018	Solicited talk	“Fellowships: a biased how-to”, UoE Astronomy PhD workshop	Edinburgh, UK
2017	Invited article Featured researcher	“Working relationships”, New UoE IAD Guide for Research Staff Personal feature article, UoE Maths Undergrad Magazine: “Contours”	
2014+	Panelist Invited talk	“Women in Maths: Is there a PhD in your future?” (<i>annually</i> , ×3) “How to get a Fellowship”, UoE Maths PhD workshop	Edinburgh, UK Edinburgh, UK
2013	School lecture	“Women in Astronomy”, Carmel High School <i>As part of the NASA Astro4girls High School Program</i>	Carmel, IN, USA

Conference presentations

Since 2009: 37 oral presentations, 15 of which upon accepted invitation; 10 poster presentations.

2019	Invited Poster Talk Invited Talk Talk Talk Invited Talk	UK-JP Frontiers of Science 2019 (30 UK researchers invited) Gravitational Wave Physics and Astronomy Workshop UKRI FLF Inaugural Cohort Meeting (3 Fellows selected) Symposium on Celestial Mechanics Galaxy Evolution Workshop 2019: “Subaru PFS” IAUS 351: “Star clusters: from the MW to the Early Universe”	Chiba, JP Tokyo, JP London, UK Sagamihara, JP Kashiwa, JP Bologna, IT
2018	Solicited Talk Invited Talk Invited Keynote Talk Invited Talk	MPIA: “Survival of star clusters in the MW” (remote) CfA: “Multiple populations in stellar clusters” (declined) STScI Conference: “Science with Precision Astrometry” ISSI: “Globular clusters in the Gaia era - 1st meeting” CfA: “Chemical and dynamical galaxy evolution” (declined)	Heidelberg, DE Sexten, IT Baltimore, USA Bern, CH Sexten, IT
2017	Talk Invited Review Talk Invited Talk Talk Invited Talk	IAS workshop: “Stellar Dynamics in Galactic Nuclei” Astro-GR: Capture of compact objects by SMBHs MODEST-17: “Under Prague’s starry skies” “The amazing life of stars” AAS DDA Meeting 2017 Ringberg meeting: “The exciting lives of galactic nuclei”	Princeton, USA Barcelona, SP Prague, CZ Cefalù, IT London, UK Ringberg, DE
2016	Talk Poster	631 Heraeus Seminar: “Stellar aggregates” SUPA Cormack Meeting 2016	Bad Honnef, DE Edinburgh, UK

2016	Talk	Gaia Challenge 4 @ NORDITA	slides	Stockholm, SE
	Invited Review	MODEST-16: "Star clusters as cosmic laboratories"	slides	Bologna, IT
2015	Invited Talk	MODEST-15S: "Celebrating Steve McMillan 60th birthday"		Kobe, JP
	Invited Talk	MODEST-15: "Modelling stellar systems in Chile"		Concepcion, CL
2014	Invited Talk	Center for Astrophysics (CfA): "Stellar N-body Dynamics"		Sexten, IT
	Poster	SUPA Cormack Meeting 2014		Edinburgh, UK
	Invited Talk	KSPA 2014: "Gravitational dynamics" @ CITA	slides	Toronto, CA
	Invited Talk	Lorentz Center: "Nuclear Star Clusters"	slides	Leiden, NL
	Two posters	MODEST-14: "The dance of stars"		Bad Honnef, DE
2013	Invited Talk	3rd Aarseth "Gluehwein" Meeting		Bonn, DE
	Talk	SUPA Cormack Meeting 2013		Edinburgh, UK
	Invited Review	Gaia Challenge 1 @ Surrey		Guildford, UK
	Talk, two posters	222nd AAS Meeting		Indianapolis, USA
	Dissertation talk	221st AAS Meeting		Long Beach, USA
2012	Talk	3rd Indiana Astrophysics Meeting		Terre Haute, USA
	Talk, two posters	28th IAU GA: "Origin of Massive Star Clusters"		Beijing, CN
	Talk	Volta: "Recent advances in stellar and galactic dynamics"		Como, IT
2011	Talk	"Dark matter from star clusters to clusters of galaxies"		Univ. Bologna, IT
	Poster	218th AAS Meeting		Boston, MA, USA
	Talk	ESO: "Dynamics of Low-Mass Stellar Systems"	slides	Santiago, CL
	Poster	217th AAS Meeting		Seattle, USA
2010	Invited Talk	Centro Studi Americani, Fulbright Meeting		Roma, IT
2009	Talk	Volta: "Plasmas in the Laboratory and in the Universe"		Como, IT
	Talk	Workshop of the Doctoral School in Physics		Milano, IT
	Talk	"Dark matter haloes from smallest to largest scale"		Bologna, IT
	Poster	Lincei: "Galaxy properties across cosmic ages"		Roma, IT
	Talk, two posters	KITP: "Formation and Evolution of Globular Clusters"	video	Santa Barbara, USA

Seminars

Since 2008: 39 seminars, 31 of which upon accepted invitation.

2020	Invited colloquium	Univ. Dundee, Dept. Physics		Dundee, UK
	Invited colloquium	Univ. Durham (Astronomy colloquium)		Durham, UK
	Invited colloquium	Univ. Vienna (Astronomy colloquium)		Vienna, AU
	Invited seminar	Observatoire de Strasbourg		Strasbourg, FR
2019	Invited lecture	Univ. Bath (2019 Caroline Herschel Prize Lecture)		Bath, UK
	Invited seminar	Charles Univ. (Astronomy colloquium)		Prague, CZ
	Invited colloquium	Univ. Tokyo, Dept. Physics (RESCEU)		Tokyo, JP
	Invited colloquium	Univ. Tokyo, Dept. Astronomy		Tokyo, JP
2018	Invited seminar	Univ. Milano, Dept. Physics (Astrophysics series)		Milano, IT
	Invited seminar	Institut d'Astrophysique de Paris (Galaxies Club)		Paris, FR
	Seminar	Univ. Tokyo, Dept. Astronomy (MakinoLab series)		Tokyo, JP
	Invited colloquium	Keele Univ., Dept. Physics (Astrophysics series)		Staffordshire, UK
	Invited seminar	Johns Hopkins Univ./STScI (CAS Wine & Cheese)		Baltimore, USA
	Invited seminar	Max Planck Institute for Astrophysics (Galaxy F&E)		Garching, DE
2017	Invited seminar	Institute for Advanced Studies (Astrophysics series)		Princeton, USA
	Invited colloquium	Queen Mary Univ. of London (Astronomy Unit)		London, UK
	Invited seminar	Univ. Cambridge, DAMTP (Astrophysics series)		Cambridge, UK
	Invited colloquium	Univ. Durham (Astronomy colloquium)		Durham, UK
	Short seminar	Univ. Edinburgh, IfA (Stobie)		Edinburgh, UK
	Invited colloquium	Osservatorio di Arcetri, INAF		Firenze, IT
	Invited seminar	Univ. Glasgow, Dept. Physics (A&A Astrochat)		Glasgow, UK
2016	Seminar	Mullard Space Science Laboratory (Astrophysics series)		Dorking, UK
	Short seminar	Univ. Edinburgh, IfA (Stobie)		Edinburgh, UK
2015	Invited colloquium	UC Santa Cruz, Dept. Astronomy & Astrophysics		Santa Cruz, USA
	Invited colloquium	MPIA & Landessternwarte (Konigstuhl Colloquium)		Heidelberg, DE
	Invited seminar	Max Planck Institute for Astronomy, (Galaxy Group)		Heidelberg, DE
	Seminar	Univ. Edinburgh, School of Maths (Waves & Flows)		Edinburgh, UK
	Invited colloquium	Univ. Central Lancashire, J. Horrocks Institute		Preston, UK
2014	Invited seminar	CITA (Astro Fluid Discussion)		Toronto, CA
	Two chalk talks	Univ. Edinburgh, School of Maths (Waves & Flows)		Edinburgh, UK
	Invited seminar	Univ. Surrey, Dept. Physics		Guildford, UK
2013	Short seminar	Univ. Edinburgh, School of Maths (ACM seminar)		Edinburgh, UK
	Invited colloquium	Ball State Univ., Dept. Physics		Muncie, USA
2012	Invited colloquium	Indiana Univ., Dept. Astronomy		Bloomington, USA
	Invited seminar	Univ. Cambridge, IoA (Wednesday seminar)		Cambridge, UK
	Invited seminar	ESA-ESTEC, Prospective ESA fellows Jamboree		Noordwijk, NL
2011	Invited seminar	Northwestern Univ., CIERA (Theory seminar)		Evanston, USA
2010	Invited seminar	Drexel Univ., Dept. Physics		Philadelphia, USA
2008	Seminar series	Univ. Milano, Dept. Physics (three lectures)		Milano, IT

Science communication

2019	RAS public lecture	"Small stellar systems, big astrophysical questions" <i>Offered twice, as part of the Royal Astronomical Society Public Lectures series</i>	London, UK
	Invited talk	"My Science, Our Dialogue", European Research Night <i>Invited by JSPS, as part of an event series by EURAXESS Japan.</i>	Tokyo, JP
	Featured researcher	" <u>The Nature of Play</u> " children's book on creativity, Fanny & Alexander	
2018	Invited article	" <u>Motion of stars</u> ", Magazine "Astronomy", Column "Ask Astro"	
2016+	Public talk	"Old stellar systems, new science" and Astro Arts & Crafts for kids <i>As part of the Royal Observatory Edinburgh Open Days (annually, x3)</i>	Edinburgh, UK
2016	Public lecture	"New science from old stellar systems", ROE 'Winter Talk' series	Edinburgh, UK
2015	Public lecture	"At the crossroads of Mathematics, Astronomy, and Physics" <i>As part of the 'General Audience Maths Edinburgh Seminar' series</i>	Edinburgh, UK
2014	Speaker	Informal 1851 Royal Commn presentation for HRH Princess Anne	London, UK
2013	Invited article	Univ. Milano Magazine "Science Messenger", Expert commentary	
	Public talk	"Numerical simulations for stellar dynamics" <i>As part of the dedication ceremony of the Big Red II Cray Supercomputer</i>	Bloomington, USA
	Featured researcher	Outreach movie, Indiana Univ. Astronomy & WIYN Observatory	
2011	Public talk	"A journey in the Universe", Drexel Physics Open House	Philadelphia, USA

Press highlights

2019	Interview and <u>personal feature article</u> , following my JSPS Science Dialogue lecture <u>Caroline Herschel Prize Lectureship Announcement</u> , <u>Citation by William Herschel Society</u> <u>UKRI Future Leaders Fellowship Launch - Inaugural case studies</u> <u>"Next generation of prize-winning researchers receive government investment"</u> <i>Also highlighted by Univ. Edinburgh General and Physics Press Office</i>	The Yomiuri Shinbun RAS/WHS UKRI UK BEIS
2018	<u>"Updating the dynamical paradigm for Galactic globular clusters"</u> <i>Also highlighted as a feature article for theme 'Space', in "Research EU" Magazine, 72, May 2018</i>	EU CORDIS
2015	News articles: <u>Marie Sklodowska-Curie Award</u> , <u>Leverhulme Grant Award</u> <u>"Ski or jump? How neutron star kicks can break up clusters"</u> (Contenta, Varri, Heggie 2015) <i>Also highlighted by several international media outlets, from the "Portal to the Universe" to Reddit</i>	UoE Maths Press RAS/INAF
2013	Interview and personal feature article, as part of 2013 Women's History Month Celebration <u>"Early Evolution of a Star Cluster in the Galactic Tidal Field"</u> (Vesperini, Varri et al. 2014)	The Indianapolis Star SC13 Science Exhibit
2012	<u>"1851 Research Fellowship Award"</u> , <u>"Towards a new paradigm for globular star clusters"</u> <u>Gruber Fellowship Award</u> , <u>Ceremony</u> , <u>Personal feature article</u> at 28th IAU GA, Beijing, CN <i>Also highlighted by Univ. Milano General Press Office</i>	The Times/ RCE1851 IAU/Gruber