

Year	Name	Title	Institute(s)	Country	Supervisor(s)	Bibcode
2019	Fedorets, Grigori	Studies of asteroids with exiguous astrometry from synoptic surveys	University of Helsinki	Finland	Mikael Granvik, Karri Muinonen	-
2019	Zari, Eleonora	Structure and star formation history of the Orion region from Gaia data releases	Leiden Observatory	The Netherlands		-
2019	Marchetti, Tommaso	Hunting for the fastest stars in the Milky Way	Leiden Observatory	The Netherlands		-
2019	Trahin, Boris	Calibration of the distance scale in the Gaia era: The pulsating stars RR Lyrae and Cepheids	LESIA - Observatoire de Paris, CNRS	France	Pierre Kervella, Antoine Mérand	-
2019	Korol, Valeriya	Exploring future multi-messenger Galactic astronomy	Leiden University	The Netherlands	Dr. E.M. Rossi, Prof. P.J. Groot, Prof. A.G.G.M. Tielens	
2019	Mor, Roger	The Star Formation History and the stellar Initial Mass Function of the Milky Way Disc: The population synthesis Besançon Model in the Gaia era	University of Barcelona (ICCUB-IEEC)	Spain	Francesca Figueras, Annie C. Robin	
2019	van Oirschot, Pim	White dwarf binaries and neutron star mergers in the stellar halo of the Milky Way in a cosmological context	Radboud Universiteit Nijmegen, Rijksuniversiteit Groningen	The Netherlands	Prof. G.A. Nelemans, Prof. A. Helmi	
2018	Mayer, David	VLBI Celestial Reference Frames and Assessment with Gaia	TU Wien	Austria		
2018	Poggio, Eloisa	The kinematic	Università degli	Italy	Alessandro	

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		signature of the Galactic warp in the Gaia era	Studi di Torino, INAF-Osservatorio Astrofisico di Torino		Spagna, Ronald Drimmel, Richard L. Smart	
2018	Truebenbach, A.E.	Real Time Cosmology with Extragalactic Proper Motions: The Secular Aberration Drift and Evolution of Large-Scale Structures	University of Colorado, Boulder	USA		
2018	Joyce, Simon	Observational tests of the theoretical white dwarf mass-radius relation	University of Leicester	UK	Prof. M.A. Barstow, Dr. M.R. Burleigh	
2018	Roelens, Maroussia	Short timescale variability in the Gaia era	Department of Astronomy, University of Geneva	Switzerland	Laurent Eyer, Nami Mowlavi	
2017	Nordlander, Thomas	Galactic archaeology with metal-poor stars	Uppsala University, Department of Physics and Astronomy	Sweden	Andreas Korn, Ulrike Heiter, Karin Lind	
2017	Titarenko, Anastasia	Chemical properties and Ages of the Galactic populations	Observatoire de la Côte d'Azur - Nice	France	A. Recio-Blanco	
2017	Kounkel, Marina	Distances, Kinematics, And Structure of Nearby Star-Forming Regions	University of Michigan	USA		
2017	Tapiador, Daniel	Architecture, Techniques and Models for Enabling Data Science in the Gaia Mission Archive	European Space Astronomy Centre and Universidad Complutense de Madrid, Universidad Nacional de	Spain	Eduardo Huedo, Luis M. Sarro	

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			Educación a Distancia			
2017	Hanson, Richard	Mapping 3D extinction and structures in the Milky Way	Max Planck Institute for Astronomy	Germany	Coryn Bailer-Jones	
2017	Wevers, Thomas	Searching for quiescent black holes	Radboud University	The Netherlands	G. Nelemans, P.G. Jonker	
2017	Delchambre, Ludovic	Determination of quasar astrophysical parameters within the Gaia mission	Institute of Astrophysics and Geophysics, Liège University	Belgium	Prof. Jean Surdej	
2016	Wilkman, Olli	Planetary remote sensing with physical scattering methods	University of Helsinki	Finland	Karri Muinonen	
2016	Barbosa, Martínez	Tracing the journey of the Sun and the Solar Siblings through the Milky Way	Leiden University	The Netherlands	Prof. S.F. Portegies Zwart, Dr. A.G.A. Brown	2016PhDT...183M
2016	Santana-Ros, Toni	Physical models of single and binary asteroids from photometric surveys: preparation of Gaia data scientific exploitation	Adam Mickiewicz University in Poznań	Poland	T. Michałowski	
2016	Ruiz Dern, Laura	Gaia: from the data validation to the Red Clump parameters	Observatoire de Paris / CNES	France	Carine Babusiaux, Frédéric Arenou	
2016	Drazinos, Petros	Star forming regions and young stellar structures in nearby galaxies	National Observatory of Athens	Greece	Dr. Mary Kontizas and Dr. Evangelos Kontizas	

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2015	Benamati, Lisa	Exoplanets: Gaia and the importance of spectroscopic follow-up	Universidade do Porto	Portugal		
2015	Blagorodnova, Nadejda	Characterising the Gaia Transient Sky	Institute of Astronomy, University of Cambridge	UK	Nicholas A. Walton	
2015	Palmer, Max	Astrostatistics for Luminosity Calibration in the Gaia era	University of Barcelona	Spain	Xavier Luri, Eduard Masana, Frédéric Arenou (Obs. Paris)	
2015	Palaversa, Lovro	Variability and standard candles in the era of new large-scale surveys	Department of Astronomy, University of Geneva	Switzerland	Laurent Eyer	
2015	Michalik, Daniel	Tycho-Gaia and beyond: Combining data for precision astrometry	Lund	Sweden	L. Lindegren, D. Hobbs, U. Lammers	
2015	Guiglion, Guillaume	Etude des populations galactiques par marquage chimique des populations stellaires	Observatoire de la Côte d'Azur - Nice	France	A. Recio-Blanco & P. de Laverny	
2015	Castañeda Pons, Javier	High performance computing of massive Astrometry and Photometry data from Gaia	University of Barcelona	Spain	Claus V. Fabricius, Jordi Torra	
2015	Cantat-Gaudin, Tristan	Open Clusters as Tracers of the Galactic Disk	Universita Degli Studi di Padova	Italy		2015PhDT...260C
2015	Abedi, Hoda	On the characterization of the Galactic warp in the Gaia era	University of Barcelona	Spain	Francesca Figueras, Luis Aguilar (UNAM)	
2014	Tabernero,	Characterization of members to stellar	Universidad Complutense	Spain	David Montes Gutiérrez, Jonay I.	2014PhDT...

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	H.M.	kinematic groups using chemical tagging	(Madrid)		González Hernández	...262T
2014	Fustes Villadóniga, Diego	Extracción de conocimiento en bases de datos astronómicas mediante redes de neuronas artificiales: aplicaciones en la misión Gaia	Universidade da Coruña	Spain		2014PhDT...170F
2014	Roca Fàbrega, Santiago	Milky Way-like galaxy simulations in the Gaia era: Disk large structures and baryonic content	University of Barcelona	Spain	Francesca Figueras, O. Valenzuela (UNAM. México)	
2014	Muraveva, Tatiana	Improving the cosmic distance ladder. Distance and structure of the Large Magellanic Cloud.	University of Bologna, Dipartimento di Fisica e Astronomia (DIFA)	Italy	Bruno Marano, Gisella Clementini, Marcella Marconi, Enzo Brocato	
2014	Spina, Lorenzo	Metal abundances of star forming regions and young open clusters: towards a new paradigm with the Gaia-ESO Survey	Università degli Studi di Firenze, Dipartimento di Fisica e Astrofisica	Italy	F. Palla, S. Randich	2014PhDT...611S
2013	Bertone, Stefano	From Time Transfer Functions to a model for relativistic astrometry in the Gaia era	Observatoire de Paris / Università di Torino	France/Italy	Christophe Le Poncin-Lafitte, Mariateresa Crosta, Alberto Vecchiato, Marie-Christine Angonin, Andrea Mignone	
2013	Guédé, Céline	Détermination de l'âge des étoiles de le cadre de la mission spatiale Gaia (FRENCH)	Paris-Meudon Observatory	France	Y. Lebreton	
2013	Anderson,	Classical Cepheids: High-precision	Department of Astronomy,	Switzerland	Laurent Eyer,	2013PhDT...

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	Richard I.	Velocimetry, Cluster Membership, and the Effect of Rotation	University of Geneva		Nami Mowlavi	...363
2013	Fries, Aidan Dermot	The use of Java in large scientific applications in HPC environments	University of Barcelona / Barcelona Supercomputer Centre	Spain	Jordi Portell i de Mora, Raúl Sirvent (BSC)	
2013	Karampelas, Antonis	Statistical analysis and optimization of synthetic galaxy spectra for Gaia	National Observatory of Athens	Greece	Dr. Mary Kontizas, Dr. Evangelos Kontizas	
2012	Nicoletti, Jean-Marc	La détection de périodicités cachées	EPFL	Switzerland	Stephan Morgenthaler, Laurent Eyer	
2012	Oszkiewicz, Dagmara Anna	Asteroid astrometric and photometric studies using Markov-Chain Monte Carlo methods	University of Helsinki	Finland	Karri Muinonen	
2012	Czekaj, Maria Anna	Preparing the Besançon Galaxy Model for the Gaia data exploitation	University of Barcelona	Spain	Francesca Figueras, Xavier Luri, Annie Robin (Obs. Besançon, França)	
2012	Belcheva, Maya	Spatial distribution of stellar populations in nearby dwarf galaxies resolved in stars	National and Kapodistrian University of Athens, Faculty of Physics, Dept of Astrophysics, Astronomy & Mechanics	Greece	Dr. Mary Kontizas	
2012	Holl, Berry	Characterisation and analysis of the astrometric errors in the global astrometric solution for Gaia	Lund Observatory	Sweden	L. Lindegren, D. Hobbs	
2012	O'Mullane,	Implementing the	University of	Spain	L. Lindegren, X.	

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	William	Gaia Astrometric Solution (Large scientific database technologies and their applicability to Gaia)	Barcelona		Luri	
2012	Spano, Maxime	Analyse photométrique d'étoiles évoluées dans le cadre de la variabilité à long terme	Department of Astronomy, University of Geneva	Switzerland	Laurent Eyer, Nami Mowlavi	
2012	Oszkiewicz, Dagmara	Asteroid orbital inversion using Markov-Chain Monte-Carlo methods	University of Helsinki	Finland		
2012	Santoro, Luca	Tests of new physics in the code CESAM: application to Gaia	OCA (Nice) / Astronomical Observatory of Padova	France		
2011	Bovy, Jo	Dynamical inference in the Milky Way	New York University	USA		
2011	González Villafranca	New data compression algorithms for space applications: software and hardware implementations	UPC, IEEC, Barcelona	Spain	Enrique García-Berro Montilla, Jordi Portell de Mora	
2011	Krone-Martins, Alberto	Ampliando horizontes da missão espacial Gaia graças a análise de objetos extensos / Plus loin avec la mission spatial Gaia grace à l'analyse des objets étendus	IAG, Universidade de Sao Paulo/ University of Bordeaux I	Brazil / France	R. Teixeira / C. Ducourant / C. Soubiran	
2011	Pasquato, Ester	Effect of stellar surface inhomogeneities on astrometric accuracy	Université Libre de Bruxelles	Belgium		

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2011	Prod'homme, Thibaut	From electrons to stars. Modelling and mitigation of radiation damage effects on astronomical CCDs	Leiden Observatory	Netherlands	A. Brown, K. Kuijken	2011PhDT...9P
2011	Kordopatis, George	Galactic archaeology: Observational constraints on the formation scenarios of the thick disc	Observatoire de la Côte d'Azur - Nice	France	P. de Laverny & A. Bijaoui	2011PhDT...439
2011	Marinoni, Silvia	Procedures of quality control and data analysis of multi-site ground-based observations for the absolute flux calibration of Gaia	Bologna University	Italy		2011PhDT...62
2011	Saguner, Tenay	Observed stellar spectra as templates for Gaia	Astronomical Observatory of Padova	Italy	A. Vallenari, U. Munari	2011PhDT...487S
2010	Gomez, Facundo Ariel	Milky Way archaeology and the dynamical signatures of mergers	Kapteyn Institute (Groningen)	Netherlands	A. Helmi	2010PhDT...255G
2010	Antoja Castelltort, Teresa	Moving Groups as imprints of the non-axisymmetric components of the Milky Way	University of Barcelona	Spain	F. Figueras, O. Valenzuela (UNAM, Mexico)	
2010	Gavras, Panagiotis	Evolution of very long period double and multiple stars	University of Athens (UoA) and National Observatory of Athens (NOA)	Greece	Dr. Mary Kontizas, Dr. Evangelos Kontizas	

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2010	Brown, Scott	Calibrating for the effects of radiation damage across the Gaia astrometric field	Institute of Astronomy (Cambridge)	UK		
2008	Tsalmantza, Paraskevi	Synthetic spectra and classification of unresolved galaxies with Gaia	University of Athens	Greece		
2008	Mignot, Shan	Towards a demonstrator for autonomous object detection on board Gaia	Meudon	France		
2008	Guerrier, Antoine	Calibration of spectroscopic data from the Gaia mission (French)	GEPI, Observatoire de Paris, Meudon	France	David Katz, Catherine Turon	
2007	Torppa, Johanna	Lightcurve inversion for asteroid spins and shapes	University of Helsinki	Finland	Mikko Kaasalainen, Karri Muinonen	
2007	Granvik, Mikael	Asteroid identification using statistical orbital inversion methods	University of Helsinki	Finland	Karri Muinonen	
2007	Mouret, Serge	Asteroid mass determination with Gaia	Paris / Nice	France		
2007	Livanou, Evdokia	Large scale star formation in the MCs and its effect to the integrated spectra. Application to Gaia.	National Observatory of Athens, Faculty of Physics	Greece	Dr. Mary Kontizas	
2007	Anglada Escudé, Guillem	Experiments and relativistic models for optical astrometry from space. Application to the mission Gaia.	University of Barcelona	Spain	Jordi Torra, Sergei A. Klioner	

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2006	Carrasco Martínez, José Manuel	Design and characterization of ESA's Gaia Photometric System (Spanish)	University of Barcelona	Spain	Carme Jordi	
2005	Virtanen, Jenni	Asteroid orbital inversion using statistical methods	University of Helsinki	Finland	Karri Muinonen	
2005	Joergensen, Bjarne R.	Determination of stellar ages and star formation histories - a Bayesian approach	Lund	Sweden		
2005	Dischler, Johann	Population synthesis predictions of the eclipsing binaries observable with Gaia	Lund	Sweden		
2005	Busonero, Deborah	The Gaia astrometric measurement model: error budget and calibration issues	Siena	Italy		
2005	Portell i de Mora, Jordi	Payload Data Handling, Telemetry and Data Compression Systems for Gaia	Barcelona, Institut d'Estudis Espacials de Catalunya	Spain	Enrique García Berro Montilla, Xavier Luri Carrascoso	
2005	Sordo, Rosanna	Real and synthetic spectroscopy: validation from eclipsing binaries and application to Gaia calibration	Asiago	Italy		
2005	Wolff, Stefan	Near Earth objects: theory, detection and observation	Copenhagen	Denmark		
2004	Willemsen, Philip	Automated analysis of standard and novel optical data	Bonn	Germany		

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2004	Dollet, Claire	Sky surveys with an imaging satellite	OCA (Nice)	France		
2004	Marrese, Paola	Eclipsing binaries in Gaia as tracers of basic stellar parameters	Asiago	Italy		
2003	Crosta, Maria Teresa	Methods of relativistic astrometry for the analysis of astrometric data in the gravitational field of the Solar System	Torino/Padova	Italy		
2003	Belokurov, Vasily	Variability in astrophysical surveys	Oxford	UK		
2003	Babusiaux, Carine	Photometric study of the Milky Way	Cambridge	UK		
2000	Vecchiato, Alberto	General Relativistic Astrometry from Space. Theoretical Modeling and Software Implementation for Data Reduction	University of Padova / Astronomical Observatory of Turin	Italy	Prof. Fernando de Felice, Dr. Mario G. Lattanzi, Prof. P. Bernacca	
2000	Thomas, Eric	Contributions à l'Interférométrie spatiale. Astrométrie globale et Détection de Planètes extra-solaires	OCA(Nice)	France	Farrokh Vakili	2000PhDT...5T
2000	Quist, Carl Fredrik	Studies of double and multiple stars using space astrometry	Lund University	Sweden	L.Lindegren	2000PhDT...2Q
2019	Álvarez González, Marco A.	Data mining in the Gaia mission: Catalog visualization, processing	CITIC. University of A Coruña	Spain	Carlos Dafonte, Minia Manteiga	

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		optimization and stellar parameterization				
2020	Vioque, Miguel	A census of Herbig Ae/Be stars: new candidates and analysis from a Gaia perspective	University of Leeds	United Kingdom	René D. Oudmaijer, Deborah Baines, Ricardo Pérez-Martínez	2020PhDT...4V
2015	Bachchan, Rajesh Kumar	The Gaia reference frame amid quasar variability and proper motion patterns in the data	Lund Observatory	Sweden	D. Hobbs, L. Lindegren	
2015	Hunt, Jason	N-body dynamical modelling of the Milky Way Disc for the Gaia era	University College London	United Kingdom	D. Kawata	
2020	Ciuca, Ioana	Inference in the Milky Way in the Gaia era	Mullard Space Science Laboratory, University College London	United Kingdom	D. Kawata, M. Cropper, G. Seabroke	
2010	Rodríguez Fernández, Alejandra	Computational astrophysics: application of artificial intelligence techniques in the classification and parameterization of stellar spectra	University of A Coruña	Spain	Minia Manteiga, Carlos Dafonte	
2010	Ordoñez Blanco, Diego	Classification and parameterization of astronomical observations using Artificial Intelligence techniques: Integration in the Gaia space project	University of A Coruña	Spain	Bernardino Arcay, Carlos Dafonte	
2020	Garabato Míguez, Daniel	Unsupervised analysis of outlier observations on the Gaia space mission;	CITIC. University of A Coruña	Spain	Carlos Dafonte, Minia Manteiga	

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		optimization through distributed processing and integration in APSIS				
2021	Castro-Ginard, Alfred	Detection, characterisation and use of open clusters in a Galactic context in a Big Data environment	Universitat de Barcelona	Spain	Dr. Xavier Luri, Dr. Carme Jordi	
2020	Ramos, Pau	Substructure in the phase-space of the Galaxy with Gaia	Universitat de Barcelona	Spain	Teresa Antoja	
2021	Zhao, He	The diffuse interstellar bands at 862 nm	Observatoire de la Côte d'Azur, Laboratoire Lagrange	France	M. Schultheis	
2021	Gavel, Alvin	Statistical Methods in Quantitative Spectroscopy of Solar-type Stars	Uppsala University	Sweden	Andreas Korn, Ulrike Heiter	
2021	Sahlholdt, Christian	Stellar Ages for Galactic Archeology: Methods and Applications	Lund Observatory	Sweden	S. Feltzing, D.Feuillet, O.Agertz	
2020	Kushniruk, Iryna	The nature of kinematic structures in the Galactic disc	Lund Observatory	Sweden	T. Bensby, S.Feltzing	
2021	Großschedl, Josefa	The Orion star formation complex - How 3D changes everything	Universitaet Wien	Austria	Prof. J. Alves	
2021	Giammaria, Marco	Milky Way simulations and tests with Gaia DR2 in the context of Local Cosmology and Relativistic	INAF - OATo	Italy	Mariateresa Crosta, Mario Gilberto Lattanzi	

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		Astrometry				
2021	Siltala, Lauri	Asteroid Mass Estimation with Markov-Chain Monte Carlo	University of Helsinki	Finland	Mikael Granvik, Karri Muinonen	
2020	Cornu, David	Modeling the 3D Milky Way using Machine Learning with Gaia and infrared surveys	Institut UTINAM, Observatoire de Besançon	France	Annie Robin, Julien Montillaud	
2021	Martikainen, Julia	Asteroid and meteorite compositional studies by modeling light scattering	University of Helsinki	Finland	Prof. Karri Muinonen and Dr. Antti Penttilä	
2021	Chrobáková, Žofia	Revealing the outer Galactic disc with Gaia DR2	Instituto de Astrofísica de Canarias / Universidad de la Laguna	Spain	Dr. Martín López-Corredoira	
2019	Hottier, Clément	3D distribution of stars and dusts in the Milky Way disks	Observatoire de Paris	France	C. Babusiaux, F. Arenou	
2021	Breuval, Louise	The Cepheid Distance Scale: from the Gaia Local Calibration to Distant Galaxies	LESIA, Paris Observatory	France	Pierre Kervella	
2021	Godoy-Rivera, Diego	Exploring Gyrochronology with Precise Stellar Characterization (paper 1, paper 2, paper 3)	The Ohio State University	United States	Marc H. Pinsonneault	
2021	Cullinane, Lara	The Structure and Kinematics of the Magellanic Stellar Periphery	The Australian National University	Australia	Dougal Mackey, Gary Da Costa	
2021	Bennett, Morgan	Vertical Oscillations in the Solar	University of Toronto	Canada	Jo Bovy	

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		Neighbourhood and the Sagittarius Dwarf Galaxy				
2022	Guo, Difeng	A Gaia Census of Young Moving Groups in the Solar Neighborhood	Anthon Pannekoek Institute for Astronomy and Astrophysics, University of Amsterdam	The Netherlands	Lex Kaper, Anthony Brown	