



Maria Messineo

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Gender: Female **Date of birth:** 19/05/1970 **Nationality:** Italian

ABOUT ME

Maria Messineo has extensively worked on Galactic stellar populations, with major focus on Galactic structure and evolution. She started her science activity in 1996 at the University of Bologna, when she build a database of existing photometric data for 61 Globular Clusters to determine new metallicity indicators. During the PhD at the University of Leiden, she analyzed a sample of color-selected AGB stars, and carried a search for SiO masers. The maser kinematics revealed for the first time a clear stellar component belonging to the central 200-pc nuclear disk of the Milky Way. From 2004, at ESO, RIT, ESA, MPIfR, and USTC, Maria has actively studied massive stars in the Galactic plane, mainly at infrared wavelengths. In particular, she has experimented several methods of photometric source selection, and reported a successful survey of inner Galactic RSGs. In 2022 she spend a year in Berlin as a freelancer astronomer. Since February 2023, Maria is holding a temporary position at the DIFA-Uni Bologna and INAF-OAS Bologna to work on Gaia flux calibration. She is always eager to learn new things.

WORK EXPERIENCE

[01/02/2023 – Current]

Astronomer researcher

DIFA-University of Bologna and INAF-OAS Bologna

City: Bologna | **Country:** Italy

Flux calibration of Gaia low-resolution-spectra.

Extinction measurements in late-type.

[01/01/2022 – 31/12/2022]

Astronomer freelancer

self-employed

City: Berlin | **Country:** Germany

I- and J-band variability of late-type stars.

Gaia DR3 data release and updated catalog of Galactic known red supergiants (RSG).

[12/10/2015 – 25/11/2021]

Senior astronomer researcher

University of Science and Technology of China (USTC)

City: Hefei | **Country:** China

Data analysis, publications, conferences, supervision of students, habilitated to teach.

Topics: Detections of massive stars in the inner Galaxy. A catalog of known RSGs with Gaia parallaxes. Spectroscopy of known RSGs and candidate RSGs.

[01/10/2010 – 09/10/2015]

Senior astronomer researcher

Max Planck Institute for Radioastronomy (MPIfR)

City: Bonn | **Country:** Germany

100% research (data analysis, publications, conferences, supervision of students). Topics: 2MASS-GLIMPSE color criteria for detecting massive stars. Infrared spectroscopic observations of massive stars: ionizing Galactic Bubbles, in clusters, and in isolation. GLOSTAR (ERC project).

[01/10/2009 – 30/09/2010]

Research fellow

European Space Agency (ESA)

City: Noordwijk | **Country:** Netherlands

100% research (data analysis, publications, conferences).

Topics: Massive stars in Galactic giant molecular clouds (infrared photometry and devoted infrared spectroscopy).

[15/07/2007 – 14/07/2009]

Astronomy researcher

Rochester Institute of Technology (RIT)

City: Rochester, NY | **Country:** United States

100% research (data analysis, publications, conferences).

Topic: Massive members of young stellar clusters.

[01/09/2004 – 13/07/2007]

Research fellow

European Southern Observatory (ESO)

City: Garching | **Country:** Germany

80% research (data analysis, publications, conferences).

20% support astronomer in Paranal.

Topics: Late-type stars, extinction, obscured young stellar clusters.

[01/05/1999 – 30/11/1999]

Assistant Astronomer

Bologna Observatory

City: Bologna | **Country:** Italy

Analysis of WFPC2 data of the globular cluster NGC 288.

[01/06/1998 – 30/11/1998]

Summer Research Assistant

Space Telescope Science Institute

City: Baltimore | **Country:** United States

Analysis of ISOCAM images of luminous blue variables (LBVs).

EDUCATION AND TRAINING

[01/12/1999 – 30/06/2004]

Doctor in science

University of Leiden | www.universiteitleiden.nl/en

City: Leiden | **Country:** Netherlands | | **Level in EQF:** EQF level 8

[01/10/1989 – 21/03/1997]

Dottoressa' in Astronomy. (batchelor+master equivalent)

University of Bologna | www.unibo.it/en

City: Bologna | **Country:** Italy | | **Level in EQF:** EQF level 7

TOKENS OF ESTEEM

[01/10/2015 – 01/11/2021]

Expert certificate from the Republic of China (USTC)

[01/09/2004 – 13/07/2007]

Sonderweisung (ESO)

[21/03/1997]

Laurea cum laude (Bologna University)

PROJECTS AND GRANTS

[01/01/2018 – 30/12/2021]

Hunting for red supergiants

Co-Investigator and PI of an awarded NSF/China grant on Red Supergiants.

[12/10/2015 – 11/10/2018] **Start-up grant**

Awarded a start-up grant paid by USTC on massive stars in the Milky Way galaxy.

[01/05/2009 – 30/04/2015] **GLOSTAR**

Co-Investigator of the awarded ERC Advanced Investigator Grant GLOSTAR (247078); PI Prof. K. M. Menten.

[01/08/2010 – 30/08/2010] **Awarded grant from ESA**

Awarded grant from ESA/ESTEC to host Dr. Zhu. Topic: automatic pipelines for stellar infrared photometry of crowded fields.

COMMITTEE & SERVICES

[01/02/2023 – Current] **Member of Gaia DPAC - CU5**

I am contributing to the flux calibration of the Gaia BPRP spectra.

[01/01/2004 – Current] **Referee of astronomical journals**

I have served as a referee for major astronomical journals (ApJ, AJ, A&A, MNRAS, PASJ).

[12/10/2015 – 25/11/2021] **Co-founder member of the Associazione Accademici Italiani in Cina (AAIIC)**

Review of observing proposals from the Chinese community of astronomers.

[12/10/2015 – 25/11/2021] **Contact person for Italians in Hefei nominated by the Italian Consulate in Shanghai**

Review of observing proposals for the telescopes of ESO.

[01/10/2016 – 30/04/2017] **Expert advisor for the CAS.**

Premium was assigned to Romano Serra.

[01/05/2015 – 31/05/2016] **Referee for the ESO Observing Programmes Office for P96 and P98.**

[08/07/2013 – 12/07/2013] **Member of the committee for the Premium GAL Hassin 2013.**

MANAGEMENT AND LEADERSHIP SKILLS

Supervisor

2002 - Master Thesis of Dr. Dominic Schnitzeler (University of Leiden)

2012 - PhD thesis of Dr. Lies Verheyen (University of Bonn)

2011 - Postdoctoral position of Dr. Chang-Hui Chen (MPIfR)

2018 - Postdoctoral position of Dr. D. Bish (USTC)

ORGANISATIONAL SKILLS

Conference organizer

- Apr 2000- ISOGAL meeting at the Lorentz Center/Leiden, The Netherlands
- Apr 2003- Future Directions in AGB research. On the Occasion of the Retirement of Harm Habing, Leiden, The Netherlands
- Jul 2008- Massive stars and massive clusters in the Milky Way, Rochester, NY
- Aug 2018- IAU Symp. 347: EARly Science with ELTs (EASE), Vienna

TECHNICAL EXPERIENCE

[01/01/1997 – Current]

Astronomical software

- Observatories: As an ESO fellow, I carried out service mode observations with the VLT- UT4 SINFONI and NACO instruments.
- Experience with infrared and millimetric observations.
- Experience with photometric and spectroscopic data analysis, and large catalogs.
- As member of Gaia DPAC-CU5, I am performing science verification of flux calibration of Gaia BPRP spectra.
- Team legacy projects: As a member of the ISOGAL team, I contributed to the mid-infrared ISOGAL point source catalog, focusing on the absolute photometric calibration and completeness.
- SQL for data retrieval with API.
- Experience with software: IDL, SuperMongo, Fortran 77, and Python (Pyvo, NumPy, SciPy, matplotlib, pandas, and scikit, astropy, astroquery).
- IDL scripting for image analysis, e.g. automatic extraction and analysis of point sources.
- IDL scripting for spectral analysis, e.g. data reduction and equivalent width measurements.
- Experience with other astronomical packages (e.g. IRAF, GILDAS, DAOPHOT, ASTROLIB, MONTAGE).
- Installation of Operating Systems : Linux and MacOS.
- Environment : electrical grounding of monitors and computers.
- WEB: HTML, wordpress, github.
- Editors: LaTeX, Word, Powerpoint.

PUBLICATIONS

- [2025] [Using Gaia and synthetic photometry for the absolute flux calibration of planetary cameras: The case of BepiColombo/SIMBIO-SYS](#)
- Reference:** Munaretto G., Cremonese G., Bellazzini M., Montegriffo P., Sordo R., La Grassa R., Re C., Tullo A., Messineo M., 2025, A&A, 693, 115
- [2024] [Infrared colours and bolometric corrections of SiO masing stars in the inner Milky Way](#)
- Reference:** Messineo M., 2024, A&A, 686, A222.
- [2023] [Identification of late-type Class I stars using Gaia DR3 Apsis parameters](#)
- Reference:** Messineo M., 2023, A&A, 671, 148.
- [2022] [ANDICAM I and J-band monitoring of bright inner Galactic late-type stars](#)
- Reference:** Messineo M., 2022, PASJ, 74, 1049.
- [2021] [New infrared spectral indices of luminous cold stars: from early early K to M-type](#)
- Reference:** Messineo M., Figer D.F., Kudritzki R.-P., Zhu Q., Menten K. M., Ivanov V.D., & Chen C.-H. R., 2021, AJ, 162, 187.
- [2020] [A New Candidate Luminous Blue Variable](#)
- Reference:** Figer D. F., Najarro F., Messineo M., Clark J. S., 2020, ApJ, 901, 15.
- [2020] [Massive Stars in Molecular Clouds Rich in High-energy Sources: The Bridge of G332.809-0.132 and CS 78 in NGC 6334](#)
- Reference:** Messineo M., Menten K.M., Figer D.F., Clark J.S., 2020, AJ, 160, 65.
- [2020] [86-GHz SiO masers in Galactic centre OH/IR stars](#)

- Reference:** Messineo M., Sjouwerman, L. O., Habing, H. J., Omont A., 2020, PASJ, 72, 63.
- [2019] [**A Catalog of Known Galactic K-M Stars of Class I Candidate Red Supergiants in Gaia DR2**](#)
- Reference:** Messineo M., Brown, A. G. A., 2019, AJ, 158, 20.
- [2018] [**Detections of the massive stars in the cluster MCM2005B77, in the star-forming regions GRS G331.34–00.36 \(S62\) AND GRS G337.92–00.48 \(S36\)**](#)
- Reference:** Messineo M., Menten K. M., Figer D.F., Chen C.-H. R., & Rich R.M., 2018, ApJ, 862,10.
- [2018] [**86 GHz SiO maser survey of late-type stars in the Inner Galaxy. IV. SiO emission and infrared data for sources in the Scutum and Sagittarius-Carina arms, \$20^{\circ} < l < 50^{\circ}\$.**](#)
- Reference:** Messineo M., Habing H. J., Sjouwerman L. O., Omont A. & Menten K. M., 2018, A&A, 619, 35.
- [2017] [**Red Supergiants in the Inner Galaxy: Stellar Properties**](#)
- Reference:** Messineo M., Zhu Q., Menten K.M., Ivanov V.D., Figer D.F., Kudritzki R.-P. & Chen C.-H. R., 2017, ApJ, 836, 65.
- [2016] [**Discovery of an Extraordinary Number of Red Supergiants in the Inner Galaxy**](#)
- Reference:** Messineo M., Zhu Q., Menten K.M., Ivanov V.D., Figer D.F., Kudritzki R.-P. & Chen C.-H. R., 2016, ApJL, 822, 5.
- [2015] [**Massive stars in the W33 giant molecular complex**](#)
- Reference:** Maria Messineo, Donald F. Figer, J. Simon Clark, Rolf-P. Kudritzki, F. Najarro, R. Michael Rich, Karl M. Menten, Valentin D. Ivanov, Elena Valenti, Christine Trombly, C.-H. Rosie Chen, and Ben Davies, 2015, ApJ, 805, 110.
- [2014] [**Near-infrared Spectroscopy of a few candidate Red Supergiant Stars in Clusters**](#)
- Reference:** Maria Messineo, Qingfeng Zhu, Valentin D. Ivanov, Karl M. Menten, Ben Davies, Donald F. Figer, Rolf P. Kudritzki, and C.-H. Rosie Chen, 2014, A&A, 571, 43.
- [2014] [**Massive stars in the giant molecular cloud G23.3-0.3 and W41**](#)
- Reference:** M. Messineo, K. M. Menten, D. F. Figer, B. Davies, J. S. Clark, V. D. Ivanov, R.-P. Kudritzki, R.M. Rich, J.W. MacKenty, C. Trombly, 2014, A&A, 569, 20.
- [2012] [**SiO maser emission from red supergiants across the Galaxy. I. Targets in massive star clusters.**](#)
- Reference:** VerheyenL.,MessineoM.,MentenK.M., 2012, A&A, 541, 36.
- [2012] [**Near-andMid-InfraredcolorsofevolvedstarsintheGalactic plane. The Q1 and Q2 parameters**](#)
- Reference:** MessineoMaria;Menten,K.,Churchwell,E.,andHabing,H., 2012 A&A, 537, 10.
- [2011] [**Massive Stars in the CI 1813-178 Cluster: An Episode Of Massive Star Formation in the W33 Complex**](#)
- Reference:** Messineo, Maria; Davies, Ben; Figer, Donald F.; Kudritzki, R. P.; Valenti, Elena; Trombly, Christine; Najarro, F.; Rich, R. Michael, 2011, ApJ, 733, 41.
- [2010] [**VISTA Variables in the Via Lactea \(VVV\): The public ESO near-IR variability survey of the Milky Way**](#)
- Reference:** Minniti D., Lucas P. W., Emerson J. P., Saito R. K., Hempel M., Pietrukowicz P., Ahumada A. V., Alonso M. V., Alonso-Garcia J., Arias J. I., and 57 coauthors, 2010, NewA, 15, 433.

[2010] [HST/NICMOS observations of the GLIMPSE9 stellar cluster](#)

Reference: Messineo, Maria; Figer, Donald F.; Davies, Ben; Kudritzki, R. P.; Rich, R. Michael; MacKenty, John; Trombley, Christine, 2010, ApJ, 708, 1241.

[2009] [The P Cygni supergiant \[OMN2000\] LS1 - implications for the star formation history of W51](#)

Reference: Clark J. S., Davies B., Najarro F., MacKenty J., Crowther P.A. Figer D. F., Crowther P. A., Arkharov, A. A., Messineo M., Thompson M.A., 2009, A&A, 504, 429.

[2009] [Near-Infrared Spectra of Galactic Stellar Clusters Detected on Spitzer/GLIMPSE Images.](#)

Reference: Messineo M., Davies B., Ivanov V.D., Figer D.F., Schuller F., Habing H.J., Menten K.M., Petr-Gotzens M.G.

[2009] [A third red supergiant rich cluster in the Scutum-Crux arm](#)

Reference: Clark J. S., Negueruela I., Davies B., Larionov V. M., Ritchie B. W., Figer D. F., Messineo M., Crowther P. A., Arkharov, A. A., 2009, A&A, 498, 109.

[2008] [Discovery of a Young Massive Stellar Cluster near HESS J1813-178](#)

Reference: Messineo M., Figer D.F., Davies B., Rich R.M., Valenti E., Kudritzki, R.P., 2008, ApJ, 683, 155.

[2007] [Integral-field spectroscopy of the Galactic cluster \[DBS2003\]8. Discovery of an ultra-compact HII region and its ionizing star in the bright rimmed cloud SFO49](#)

Reference: Messineo M., Petr-Gotzens M.G., Schuller F., Menten K.M., Habing H.J., Kissler-Patig M., Modigliani A., Reunanen, J., 2007, A&A, 472, 471.

[2006] [The distribution of maser stars in the inner Milky Way: the effect of a weak, rotating bar](#)

Reference: Habing H.J., Sevenster M.N., Messineo M., van de Ven G., Kuijken K., 2006, A&A, 458, 151.

[2005] [Star cluster detection with WFC/ACS in M 33 - 33 new clusters and 51 candidates](#)

Reference: Bedin L.R., Piotto G., Baume G., Momany Y., Carraro G., Anderson J., Messineo M. and Ortolani S., 2005, A&A 444, 831.

[2005] [86 GHz SiO maser survey of late-type stars in the Inner Galaxy. III. Interstellar extinction and colours of the SiO targets](#)

Reference: Messineo M., Habing H., Menten K., Omont A. , Sjouwerman L. & Bertoldi, F., 2005, A&A 435, 575.

[2005] [First science with SINFONI.](#)

Reference: Gillessen S., Davies R., Kissler-Patig M., Lehnert M., van der Werf P., Nowak N., Eisenhauer F., Abuter R., Horrobin M., Gilbert A., Genzel R., Bender R., Saglia R., Lemoine-Busserolle M., Reunanen J., Kjaer K., et al. 2005, the Messenger, 120, 26.

[2004] [86 GHz SiO maser survey of late-type stars in the Inner Galaxy. II. Infrared photometry of the SiO target stars](#)

Reference: Messineo M., Habing H., Menten K., Omont A. & Sjouwerman L., 2004, A&A, 418, 103.

[2004] [43 GHz SiO Masers and Astrometry with VERA in the Galactic Centre](#)

Reference: Sjouwerman L., Messineo M., & Habing H., 2004, PASJ, 56, 45.

- [2003] [Explanatory supplement of the ISOGAL-DENIS Point Source Catalogue](#)
- Reference:** Schuller F., Ganesh S., Messineo M., Moneti A., Blommaert J. A. D. L., Alard C., Aracil B., Miville-Deschenes M.-A., Omont A., Schultheis M., Simon G., Soive A., Testi L., 2003, A&A, 403, 955.
- [2003] [ISOGAL: A deep survey of the obscured inner Milky Way with ISO at 7 \$\mu\$ m and 15 \$\mu\$ m and with DENIS in the near-infrared](#)
- Reference:** Omont A., Gilmore G. F., Alard C., Aracil B., August T., et al., 2003, A&A, 403, 975.
- [2003] [Infrared stellar populations in the central parts of the Milky Way galaxy](#)
- Reference:** van Loon J. T., Gilmore G. F., Omont A., Blommaert J., Glass, I. S., Messineo M., Schuller F., Schultheis M., Yamamura I., Zhao H. S., 2003, MNRAS, 338, 857.
- [2002] [86 GHz SiO maser survey of late-type stars in the Inner Galaxy. I. Observational data](#)
- Reference:** Messineo M., Habing H., Sjouwerman L., Omont A. & Menten K., 2002, A&A, 393, 115.
- [2002] [Multiwavelength Study of the Nebula Associated with the Galactic LBV Candidate HD 168625](#)
- Reference:** Pasquali A., Nota A., Smith L. J., Akiyama S., Messineo M., Clampin, M., 2002, AJ, 124, 1625.
- [2002] [OH/IR stars in the inner bulge detected by ISOGAL](#)
- Reference:** Ortiz R., Blommaert J., Copet E., Ganesh S., Habing H. J., Messineo M., Omont A., Schultheis M., Schuller F., 2002, A&A, 388, 279.
- [2002] [Deep Hubble Space Telescope WFPC2 Photometry of NGC 288. II. The Main-Sequence Luminosity Function](#)
- Reference:** Bellazzini M., Fusi Pecci F., Montegriffo P., Messineo M., Monaco L., Rood R. T., 2002 AJ, 123, 2541.
- [2002] [Deep Hubble Space Telescope WFPC2 Photometry of NGC 288. I. Binary Systems and Blue Stragglers](#)
- Reference:** Bellazzini M., Fusi Pecci F., Messineo M., Monaco L., Rood R. T., 2002, AJ, 123, 1509.
- [1999] [The Giant, Horizontal, and Asymptotic Branches of Galactic Globular Clusters. I. The Catalog, Photometric Observables, and Features](#)
- Reference:** Ferraro F. R., Messineo M., Fusi Pecci F., de Palo M. A., Straniero O., Chieffi A., Limongi M., 1999, AJ, 118, 1738.

CONFERENCES AND SEM- INARS

- [17/12/2024] **Colloquium: Galactic late-type stars and extinction from infrared photometry**
University of Bologna & INAF-OAS
- [20/08/2024 – 23/08/2024] **Conference on The BRITE Side of the Stars** Vienna (in remote)
Contributed talk
- [01/07/2024 – 05/07/2024] **Conference: EAS 2024** Padua
Short alive talk in remote
- [27/05/2024 – 31/05/2024] **Conference: The Milky Way assembly Tale** Bologna

Prerecorded short talk

- [18/03/2024 – 22/03/2024] **Gaia DPAC 6th Consortium Meeting** Heidelberg (remote)
- [17/01/2024 – 18/01/2024] **Meeting, GaiaNIR: next astrometric mission** Bologna (remote)
- [25/10/2023 – 26/10/2023] **Conference, Jan's Masers and star formation legacy in Bologna and beyond** CNR, Bologna
- [20/06/2023 – 23/06/2023] **Conference, Roman Science Inspired by Emerging JWST Results** Baltimore (remote)
- [13/03/2023 – 17/03/2023] **Gaia DPAC 6th Consortium Meeting** Nizza, France (remote)
- [04/07/2022 – 09/07/2022] **Conference, COOL STARS 21** Toulouse, France (remote)
- [10/05/2022 – 12/05/2022] **United Nations/Chile Conference on Space Law and Policy Governance and Legal Perspectives on Space Activities in Earth Orbit and Beyond** remote
- [23/10/2021] **Meeting, PERC-ption event of EURAXESS China** remote
- [01/12/2020] **IAU symposium of Anhui** USTC, Hefei
- [19/08/2019 – 21/08/2019] **Conference, Stars and their variability, Observed from Space** Wien
- [30/06/2019 – 04/07/2019] **IAUS 353: Galactic Dynamics in the Era of Large Surveys** Shanghai, CN
- [11/06/2019] **Colloquium, Something about red supergiants in the Galaxy** USTC, Hefei
- [11/10/2018 – 13/10/2018] **2018 Experience China in Golden Autumn. A Cultural Tour of Central China For Foreign Experts in Higher Education** Shenzen, CN
- [28/08/2018 – 31/08/2018] **IAU Symposium 347: Early Science with ELTs (EASE)** Wien
- [28/08/2018 – 29/08/2018] **IAU Focus Meeting FM7: Radial metallicity gradients in star forming galaxies** Wien
- [13/02/2018] **Colloquium, A new sample of Galactic Red Supergiants** Osservatorio di Capodimonte
- [26/11/2017] **Forum of Chaohu Overseas Chinese** Hefei, CN
- [24/11/2017] **2017 Propaganda of the European Research and Innovation in Hefei China** Hefei, CN
- [11/09/2017 – 15/09/2017] **Conference, Stellar Populations and the Distance Scale** Kavli, Beijing
Contributed talk
- [04/09/2017 – 08/09/2017] **Conference, The amazing life of stars** Cefalu', Italy
Contributed talk
- [03/07/2017 – 07/07/2017] **Asia-Pacific Regional IAU Meetings** Tapei, Taiwan
Contributed talk
- [01/07/2017 – 03/07/2017] **Cross-Strait Symposium of Astrophysics** Tapei, Taiwan
Contributed talk

- [23/06/2017] **Conference: Giornata della Ricerca Italiana in Cina** Beijing, CN
- [04/03/2017] **2017 CfA@USTC Junior Cosmology Symposium: Early Universe & Ali (Ngari) CMB Polarization Telescope**
Hefei, CN
- [10/12/2016] **Annual meeting of the Key Laboratory for Researches in Galaxies and Cosmology** E
meishan, Sichuan, CN
Contributed talk
- [28/11/2016 – 02/12/2016] **IAUS 329: The lives and death-throes of massive stars** Auckland, NZ
- [21/11/2016 – 25/11/2016] **Conference, Galactic Archaeology & Stellar Physics** Canberra, AU
Contributed talk
- [19/09/2016 – 23/09/2016] **Conference, The Milky Way and its environment: gaining insights into the drivers of galaxy formation and evolution**
Paris
- [06/06/2016 – 10/06/2016] **Conference, Cool Stars 19** Uppsala, Sweden
2 minutes talk
Link: <https://coolstars19.com/program.html#program>
- [21/04/2016] **SINO-ITALY Trade and Technology matchmaking conference within the 4th China (Shangai) International Technology Fair (CSITF)**
Shangai
- [04/12/2015 – 06/12/2015] **Astrophysics Symposium** Suzhou, China
Contributed talk
- [03/08/2015 – 15/08/2015] **IAU XXIX General Assembly** Honolulu (USA)
- [03/07/2015] **Colloquium, Massive stars and clusters in the Inner MW** USTC, Hefei
- [05/05/2015 – 07/05/2015] **Conference, Massive Stars and the Gaia-ESO Survey** Brussels, Belgium
Contributed talk
- [17/11/2014 – 20/11/2014] **Conference, Wide-field InfraRed Surveys: Science and Techniques** Pasadena, USA
Contributed talk
- [03/11/2014 – 07/11/2014] **Conference, The early life of stellar clusters: formation and dynamics** Copenhagen, Denmark
Contributed talk
- [02/06/2014 – 06/06/2014] **Conference, The dance of stars: dense stellar systems from infant to old**
Bad Honnef, Germany
- [02/12/2013 – 06/12/2013] **Fifth in the series of Guillermo Haro Conferences. Massive Young Star Clusters Near and Far: From the Milky Way to Re-ionization**
Puebla, Mexico
Contributed talk

- [04/07/2013 – 07/07/2013] **Conference, GAL Hassin 2013 - The sky from the Astronomical Garden on the Madonie mountains** Isnello
Contributed talk
- [06/06/2013] **Colloquium, A starred walk in the Milky Way** University of Bologna
- [29/06/2012] **Colloquium, Massive young stellar clusters** ESO Vitacura
- [28/08/2011 – 02/09/2011] **Conference, AHAR, Astronomy at High Angular Resolution** Bad Honnef, Germany
- [18/07/2011 – 22/07/2011] **Conference, Galactic plane surveys** Hatfield, UK
Contributed talk
- [16/06/2011] **Colloquium, Massive young stellar clusters in the Milky Way** University of Chile
(morning)- Pontificia Universidad Catolica de Chile, Santiago (afternoon)
- [14/06/2011] **Colloquium, Stellar clusters in the galactic plane** ESO Vitacura
- [23/05/2011 – 27/05/2011] **Stellar Clusters & Associations, A RIA workshop on Gaia** Granada, Spain
Contributed talk
- [07/11/2010 – 10/11/2010] **Conference, Spiral structure in the Milky Way** Bahia Inglesa, Chile
Contributed talk
- [13/09/2010 – 17/09/2010] **Conference, Astronomische Gesellschaft** Bonn
2 contributed talks
- [06/09/2010 – 10/09/2010] **Conference, JENAM 2010** Lisbon, Portugal
Contributed talk
- [06/04/2010 – 10/04/2010] **Conference, From Stars to Galaxies** Florida
- [03/02/2010] **Colloquium, Young stellar massive stars in the Milky Way**
University of Hertfordshire, Hatfield
- [09/09/2009] **Colloquium, Young stellar clusters in the Milky Way** RIT, Rochester, NY, USA
- [05/12/2008] **Colloquium, Young stellar clusters in the Milky Way** University of Bonn/MPIfR
- [28/07/2008 – 30/07/2008] **Conference, Massive stars and massive clusters in the Milky Way** Rochester, NY
Contributed talk
- [17/07/2008] **Colloquium, Massive young stellar clusters** UCLA, California, USA
- [17/12/2007 – 19/12/2007] **Workshop 'Science from UKIDSS'** Garching
Contributed talk
- [10/12/2007 – 14/12/2007] **IAUS 250: Massive Stars as cosmic engines** Kauai, Hawaii
- [10/12/2006 – 16/12/2006] **IAU Symposium 241: Stellar Populations as Building Blocks of Galaxies** La Palma
- [12/04/2006 – 22/04/2006] **Galactic Center Workshop** Bad Honnef

- [09/11/2005 – 10/11/2005] **Panoramic near-Infrared Astronomy Workshop** Edinburgh
- [10/10/2005 – 14/10/2005] **Conference, Science Perspectives for 3D Spectroscopy** Garching
Contributed talk
- [25/05/2005] **Colloquium, La struttura della nostra Galassia svelata attraverso lo studio di stelle AGB**
Osservatorio Astronomico di Palermo
- [16/05/2005 – 20/05/2005] **IAUS 227: Massive Star Birth: A Crossroads of Astrophysics** Acireale
- [10/05/2005 – 13/05/2005] **ESO Fellow Symposium** Garching
Contributed talk
- [24/10/2004] **Meeting, Alma Day** ESO, Garching
- [06/08/2004] **Colloquium, SiO maser stars in the inner Galaxy** University of Bonn and MPIfR
- [14/06/2004] **ISM meeting** Pannekoek Institute, Amsterdam
Contributed talk
- [10/04/2003 – 11/04/2003] **Future Directions in AGB research. Conference on the Occasion of the Retirement of Harm Habing**
Leiden
- [21/02/2003] **Colloquium, 86 GHz SiO maser survey in the inner Galaxy** ASTRON/JIVE Dwingeloo
- [04/11/2002 – 08/11/2002] **Galactic Center Workshop; The central 300 pc** Kailua-Kona, Hawai'i
- [13/05/2002 – 16/05/2002] **Conference, Mass-losing pulsating stars and their circumstellar matter**
Sendai, Japan
Contributed talk
- [06/12/2001 – 07/12/2001] **EARA workshop** MPA, Garching
- [10/04/2001] **ISM meeting** Pannekoek Institute, Amsterdam
Contributed talk
- [05/03/2001 – 10/03/2001] **IAUS 206: Cosmic masers** Brazil
- [23/10/2000 – 27/10/2000] **Nova fall school 2000** Dwingeloo
Contributed talk
- [16/09/2000 – 20/09/2000] **Young European Radio Astronomers Conference, YERAC** Granada
Contributed talk
- [25/04/2000 – 27/04/2000] **Oort Centenary Symposium** Leiden
- [10/04/2000 – 14/04/2000] **ISOGAL meeting** Lorentz Center/Leiden
Contributed talk

[25/11/1999] **Colloquium, HST photometry of the globular cluster NGC 288: binaries, blue stragglers and other blue stars**

University & Observatory of Bologna

[07/06/1999 – 12/06/1999] **Italian national school for astrophysics: Stellar populations as cosmic clocks. From the far-infrared to the millimetric**

Carloforte

Contributed talk