



Dr. Giulio Mazzolo

Science Writer and Communication Manager

Website: giuliomazzolo.com

WORK EXPERIENCE

- October 2024 - present **Communication Consultant**
European Environment Agency, Copenhagen, Denmark (remote)
Communication for the In-Situ component of Copernicus, the Earth Observation Component of the EU Space Programme
- Sept. 2024 - present **Social Media Officer**
Fondazione ICONS, Lodi, Italy (remote)
Social media content creation for EU-funded, international research projects
- April - July 2024 **Storytelling Consultant (parental leave coverage)**
European Environment Agency, Copenhagen, Denmark (remote)
Outreach written content for the Copernicus Land Monitoring Service (CLMS)
- June 2023 - present **Science Writer**
Science Wave, Bucharest, Romania (remote)
Social media content creation for the European Southern Observatory (ESO) and the ESO Supernova Planetarium & Visitor Centre
- May 2022 - present **Science Communication Trainer**
Cluster of Excellence QuantumFrontiers, Hannover, Germany
Conducting Science Communication Workshops for early career researchers of QuantumFrontiers
- April 2022 - present **Deputy Editor-in-Chief of astroEDU (honorary activity)**
IAU Office of Astronomy for Education and Italian National Institute for Astrophysics (remote)
Co-management of the peer-review and publication process of astronomy educational activities
- June 2022 - May 2023 **Senior Consultant**
SpaceTec Partners, Munich, Germany
Management of the Support Office of Copernicus
- June 2017 - May 2022 **Science Communication Manager**
Fondazione ICONS, Lodi, Italy
Communication and dissemination of EU-funded, international research projects
- May - Nov. 2021 **Internship in Science Journalism**
European Southern Observatory (ESO), Garching bei München, Germany
Preparation of press releases and outreach communication products on research in astronomy
- Aug 2014 - July 2016 **Mathematics and Physics Teacher**
Ecole d'Humanité, Hasliberg Goldern, Switzerland
Math and physics teaching for the elite Swiss Matura Diploma
- Dec. 2013 - July 2014 **Post-doctoral Researcher in Astrophysics**
Max Planck Institute for Gravitational Physics, Hannover, Germany
Research in gravitational-wave astronomy as a member of the LIGO collaboration

EDUCATION AND TRAINING

- 2022 [Module on online and media writing](#)
University of the West of England (UWE), Bristol, UK
- 2017 [Postgraduate Programme in Science Journalism and Communication \(*with honours*\)](#)
La Sapienza University, Rome, Italy
- 2017 [Erice International School of Science Journalism](#)
Ettore Majorana Foundation and Centre for Scientific Culture, Erice, Italy
*School supported by the Italian National Institute for Nuclear Physics (INFN),
Le Scienze (Italian edition of Scientific American) and the Enrico Fermi Research
Centre (Italy)*
- 2013 [Doctorate in Physics](#)
Max Planck Institute for Gravitational Physics, Hannover, Germany
International Max Planck Research School on Gravitational-Wave Astronomy
Gottfried Wilhelm Leibniz University, Hannover, Germany
- 2009 [Master's Degree in Physics \(*with honours*\)](#)
University of Padua, Italy
- 2007 [Summer Student in Particle Physics](#)
Fermi National Acceleration Laboratory (Fermilab), Batavia, Illinois, USA
Data analysis at the Tevatron particle accelerator
- 2006 [Bachelor's Degree in Astronomy](#)
University of Padua, Italy

SKILLS

- Professional skills**
- Multi-stakeholder, multi-channel and multi-format science writing and communication
 - Design and implementation of communication strategies
 - Creation, curation and distribution of science outreach contents
 - Design and implementation of editorial plans
 - Social media management
 - Science communication trainer
 - Science teaching and outreach
 - Quantitative impact assessment of communication campaigns
 - Project management
 - Event organisation, promotion and management
 - Strong work experience in EU-funded research projects
 - Solid academic background in Physics and Astronomy
 - Ability to work in international scientific organisations (*Max Planck Institute for Gravitational Physics, LIGO Scientific Collaboration, ESO, Fermilab*)
 - Ability to work independently and in a diverse team
 - Science translation
- Digital skills**
- Website management with WordPress
 - Graphic design with InDesign and Canva
 - Video editing with Filmora and iMovie
 - Audio editing with Audacity
 - Newsletter creation with MailChimp
- Languages**
- Italian (native)
 - English (proficient)
 - German (proficient)
 - Spanish (proficient)

ADDITIONAL INFORMATION

Work experience

- Science Translator from English to Italian (June - July 2019)
Translation of “Big Ideas in Astronomy” (a project of the Office of Astronomy for Education of the International Astronomical Union, voluntary activity)
- Science Translator from English to Italian (February - June 2019)
Translation of articles on Le Scienze S.p.A. (Italian edition of Scientific American)

European Horizon 2020 research projects I am or was involved in as a communication & dissemination leader or as a Social Media Officer

- CHARMA-H2: carma-h2.eu (November 2024 - present)
- NEMO: nemoproject.eu (September 2024 - present)
- Drive2X: drive2x.eu (September 2024 - present)
- ASTRABAT: astrabat.eu (January 2020 - April 2021)
- HOUSEFUL: houseful.eu (May 2018 - May 2022)
- STARDUST: stardustproject.eu (April 2018 - April 2021)
- PROTON: cordis.europa.eu/project/id/699824 (March 2018 - September 2019)
- URBAN GreenUP: urbangreenup.eu (June 2017 - May 2022)
- EFFECT & FETFX: cordis.europa.eu/project/id/824753 (June 2017 - May 2020)
- FEAT: cordis.europa.eu/project/id/686527 (June - October 2017)

Awards and Grants

- **.eu Web Awards:** Honoured in the “Better World” and “Laurels” categories for the websites stardustproject.eu and fetfx.eu of the EU Horizon 2020 projects STARDUST and EFFECT/FETFX (2018)
- **Grant:** Awarded by the Committee of the Postgraduate Programme in Science Journalism and Communication at La Sapienza University (Rome, Italy) as the top student for the 2016/2017 academic year (2017)
- **Odorico da Pordenone Prize:** Received from the Italian Province of Pordenone for my professional achievements (2017)
- **Grant:** Awarded by the Ettore Majorana Foundation and Centre for Scientific Culture to attend the Erice International School of Science Journalism (2017)
- **Physics Breakthrough Prize:** Received from the Breakthrough Prize Board for the first observation of gravitational waves (2016, shared with the LIGO and Virgo Scientific Collaborations)
- **Grant:** Awarded by the Italian Institute for Nuclear Physics (INFN) to support my Master thesis project. The project was carried out at the INFN National Laboratories in Legnaro (Italy), in the facility that hosted the AURIGA gravitational-wave antenna (2009)

SCIENTIFIC PUBLICATIONS

B. P. Abbott et al. (LIGO Scientific Collaboration and Virgo Collaboration)
Observation of gravitational waves from a binary black hole merger
Physical Review Letters, Volume 116, Issue 6, 061102 (2016)
Electronic preprint: <https://journals.aps.org/prl/pdf/10.1103/PhysRevLett.116.061102>

G. Mazzolo et al.
Prospects for intermediate mass black hole binary searches with advanced gravitational-wave detectors
Physical Review D, Volume 90, Issue 6, 063002 (2014)
Electronic preprint: <https://arxiv.org/abs/1404.7757>

J. Aasi et al. (LIGO Scientific Collaboration and Virgo Collaboration)
Search for gravitational radiation from intermediate mass black hole binaries in data from the second LIGO-Virgo joint science run
Physical Review D, Volume 89, Issue 12, 122003 (2014)
Electronic preprint: <https://arxiv.org/abs/1404.2199>

Aasi et al. (LIGO Scientific Collaboration, Virgo Collaboration and NINJA-2 Collaboration)
The NINJA-2 project: Detecting and characterizing gravitational waveforms modelled using numerical binary black hole simulations
Classical and Quantum Gravity, Volume 31, Number 11, 115004 (2014)
Electronic preprint: <https://arxiv.org/abs/1401.0939>

J. Abadie et al. (LIGO Scientific Collaboration and Virgo Collaboration)
All-sky search for gravitational-wave bursts in the second joint LIGO-Virgo run
Physical Review D, Volume 85, Issue 12, 122007 (2012)
Electronic preprint: <https://arxiv.org/abs/1202.2788>

S. Klimentenko et al.
Localization of gravitational wave sources with networks of advanced detectors
Physical Review D, Volume 83, Issue 10, 102001 (2011)
Electronic preprint: <https://arxiv.org/abs/1101.5408>

M. Cerdonio et al.
Effects of interplanetary dust on the LISA drag-free constellation
Celestial Mechanics and Dynamical Astronomy, Volume 107, Issue 1, page 255 (2010)
Electronic preprint: <https://arxiv.org/abs/1002.0489>

M. Cerdonio et al.
Modulation of LISA free-fall orbits due to the Earth-Moon system
Classical and Quantum Gravity, Volume 27, Number 16, 165007 (2010)
Electronic preprint: <https://arxiv.org/abs/1003.5528>

Note 1: I am a co-author of various papers on gravitational-wave astronomy published by the LIGO Scientific Collaboration and the Virgo Collaboration. The full list, also including the above papers, is available at: <http://inspirehep.net/search?ln=en&p=author%3AG.Mazzolo.1&jrec=1>

Note 2: I am a co-author of the following working paper on a methodology for the quantitative assessment of the performance of science communication campaigns: <https://doi.org/10.5281/zenodo.6985584>