

## Lucia Bonventre

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Born in 1989, Lucia Bonventre graduated in **International Law** from LUISS Guido Carli University in Rome (2008-2013). Demonstrating a commitment to continuous learning, she pursued numerous post-graduate programs, such as the Specialization School for Legal Professions (2013-15), an Executive Master for Corporate Lawyers (2017), a Master in Space Institutions and Policies (2017), a Master in Open Innovation and Intellectual Property (2018-2019), and many courses in Technology and International Politics (2019) and European Funding and Projects (2020). Lucia is finalizing her **Ph.D. in International Space Law** (2020-2024) at the University of Rome Sapienza in 2024, with a visiting period at the Max Planck Institute of Heidelberg, Germany.

Lucia is currently working for the **Legal Office of the Italian Space Agency (ASI)**, where she provides legal support through the negotiation and drafting of international cooperation agreements. In addition, she engages in international committees addressing space-related issues and has been appointed as a member of the Italian delegation in recent sessions of the United Nations Committee on the Peaceful Uses of Outer Space (COPUOS) and the Legal Subcommittee (LSC).

Lucia has actively collaborated in the crafting of many scientific articles, including "*From Protosolar Space to Space Exploration: The Role of Graphene in Space Technology and Economy*" published in *Nanomaterials* in 2023, "*Devices for cardiovascular control: When space and earth tackle common challenges*", published in *Acta Astronautica* in 2022, and "*Nanomaterials in Space: Technology Innovation & Economic Trend*" published in *Advances in Astronautics Science and Technology* in 2020. Furthermore, she co-authored the chapter "*Nanotechnology in Space Economy*" in the book *Nanotechnology in Space* edited by M.L. Terranova and E. Tamburri and published by Jenny Stanford Publishing Pte. Ltd in 2021. Lucia has also contributed to the drafting of various conference papers, such as "*Cybersecurity trends and new challenges for the space sector*" presented at the International Astronautical Conference in 2021, and "*A landscape and market analysis of space-related patents*" presented at the XXV International Congress of Aeronautics and Astronautics in 2019.