




Name Surname


Publications & Conferences

 (Oct 2025) **Article as co-auth. Journal of Space Technologies.**

Title: "Exploring the role of quantum algorithms in optimizing space navigation systems". **DOI:** <https://doi.org/10.48550/jst.2025.24567>

 (Oct 2025) **Conference Speaker.**

Title: "Advanced Computational Methods for Space Exploration". Global Space Technology Conference, Berlin. <https://www.spacetechconference.com/speakers>

 (May 2025) **Article as co-auth. Journal of Astrophysics and Space Science.**

Title: "Artificial intelligence for planetary rover autonomy in extreme environments". **DOI:** <https://doi.org/10.1007/jass.2025.63452>

 (Feb 2024) **Article as co-auth. Journal of Quantum Computing.**


Title: "Optimizing Quantum Systems for Space Applications: Challenges and Prospects". **DOI:** [10.1007/quantum.2024.67423](https://doi.org/10.1007/quantum.2024.67423)

 (Nov 2023) **Article as co-auth. Journal of Computational Physics.**

Title: "Physics-Informed Machine Learning for Planetary Surface Navigation". **DOI:** [10.1088/1742-6596/2692/11/112034](https://doi.org/10.1088/1742-6596/2692/11/112034)

 (Sept 2023) **Conference Speaker.**

Title: "Exploring the Future of AI in Space Exploration". International Symposium on Artificial Intelligence in Aerospace, Tokyo. <https://www.ias-conference.com/speakers>

 (Apr 2023) **Article as co-auth. Journal of Space Engineering.**

Title: "Designing Autonomous Systems for Lunar Exploration Missions". **DOI:** [10.1088/1748-0221/22/4/C04021](https://doi.org/10.1088/1748-0221/22/4/C04021)

 (Jan 2023) **Conference Speaker.**

Title: "Quantum Computing in Space: Prospects and Challenges". International Space Technology Summit, New York.