

- Conference title, dates, and venue

IAC 2025 IAC 2025 in Sydney, Australia is hosted by Space Industry Association of Australia (SIAA) and co-hosted by Australian Space Agency and NSW Government. 29 September – 03 October 2025

- Paper or presentation title

- **advanced manufacturing for space:  
structural verification of a topology-  
optimized dmls 3u nanosatellite**

- Role (e.g., presenter, co-author, participant)

Presenter (Renzo Wee)

- Publication details (journal or proceedings, year, DOI or link, if available)

<https://dl.iafastro.directory/event/IAC-2025/paper/99870/>

Roider Pugal (now not in PhilSA, working with UPD), Renzo Wee, Prince William Lim, Arvin Oliver Ng, Marc Caesar Talampas

- High-resolution photos suitable for publication (with captions and photo credits, if applicable). Please include photos of you presenting or receiving awards, if applicable

The paper titled “Advanced Manufacturing for Space: Structural Verification of a Topology-Optimized DMLS 3U Nanosatellite” was presented during the 75th International Astronautical Congress (IAC 2025) held under the C2. IAF Materials and Structures Symposium. The presentation took place on 3 October 2025 as part of the Advancements in Materials Applications, Additive Manufacturing, and Rapid Prototyping Session. The study, co-authored by representatives from the Philippine Space Agency (PhilSA), University of the Philippines Diliman, and the Department of Science and Technology–Metals Industry Research and Development Center (DOST-MIRDC), was delivered as a 10-minute oral presentation following acceptance through official notification.