

June 2025

## **Alon Gany – CV**

Alon Gany is Professor Emeritus at the Faculty of Aerospace Engineering of the Technion – Israel Institute of Technology, joining the Faculty in 1979 and formerly holding the Lena and Ben Fohrman Chair in Aeronautical Engineering. Alon was the academic advisor for the planning and construction of the world-class, one of its kind in Israel, Technion's Fine Rocket Propulsion Center, and headed it for 18 years. During the years 2000-2002 he was also the Dean of Students of the Technion. Prof. Gany received all his academic degrees from the Technion, BSc in Chemical Engineering, MSc and DSc in the Faculty of Aerospace Engineering. He spent several years at Princeton University as a postdoc and later-on as a Visiting Professor, where he also taught undergraduate and graduate courses. He had another Sabbatical leave at the Naval Postgraduate School, Monterey, CA as a Senior NRC Research Fellow. Alon was recognized as Technion's Permanent Distinguished Lecturer and received Yanai, Mani, and Jacknow Awards for excellence in teaching and academic education.

Alon Gany research expertise and interest are in aerospace propulsion (rockets, ramjets), marine innovative propulsion, energetic materials, combustion, and hydrogen production and electric energy generation via fuel cells. On those subjects Alon demonstrated breakthroughs and initiated original advanced concepts.

Alon has been recognized as a national and international leading expert in propulsion. He was granted Gutwirth Research Award, Michel-Soref Entrepreneurial Award, Hershel Rich Innovation Award (3 times), MAFAT Lifetime Award for Innovative Mind, and the Wyld Propulsion Award by the American Institute of Aeronautics and Astronautics (AIAA). He was also honored by the conference *Advances in Chemical Propulsion* on his 75<sup>th</sup> Birthday. Alon is a Member of the International Academy of Astronautics (IAA), US National Academy of Engineering (NAE), and Israel National Academy of Sciences and Humanities. He is a Fellow of AIAA and the Royal Institution of Naval Architects (RINA) and Honorary Fellow of the High Energy Materials Society of India (HEMSI) and the Australian Institute of High Energetic Materials (AIHEM), as well as Member of other societies. He is a Board Member of 4 professional journals and a reviewer for numerous journals and conferences.

Alon published with his students and colleagues hundreds of articles in journals and conferences with many invited lectures and best papers, an edited book, over 20 chapters in books, some 20 patents worldwide, and a course textbook on propulsion (in Hebrew).

Alon is married to Ruth, and they have 3 children and 9 grandchildren.