

TIBOR KAPU AND GYULA CSERÉNYI



Tibor Kapu and Gyula Cserényi are Hungarian research astronauts selected within the framework of the HUNOR – Hungarian Astronaut Program. Tibor Kapu, serving as the program's prime research astronaut, represented Hungary on the Axiom-4 mission to the International Space Station, while Gyula Cserényi, as a reserve research astronaut, completed the same selection and training process. Their work represents the international recognition of Hungarian scientific and engineering expertise in the field of human spaceflight.

ACADEMIC AND PROFESSIONAL CAREER

Tibor Kapu's professional career is built upon a strong foundation in engineering and industry.

He completed his studies in mechanical engineering at the Budapest University of Technology and Economics, specialising in polymer technology, expertise which he later applied within the pharmaceutical industry and the large-scale technology sector. He gained international professional experience in both European and overseas environments, before joining Robert Bosch, where he worked on battery development and engineering solutions related to electromobility. During the selection process of the HUNOR Program, his engineering proficiency, systems-level thinking and capacity to perform under pressure played a decisive role. Following astronaut training in Houston conducted in cooperation with NASA and Axiom Space, he participated in the execution of several Hungarian-coordinated scientific experiments aboard the International Space Station, contributing to advancements in materials science, life sciences and applied space research.

Gyula Cserényi completed his studies in electrical engineering at the Budapest University of Technology and Economics, specialising in electrical machines and drive systems, and subsequently complemented his education with a technical and economic qualification. Over the course of his professional career, he held both engineering and leadership positions within the energy and industrial sectors, including roles within E.ON's power network system and at Robert Bosch, where he was responsible for the safe operation, management and coordination of complex technical systems. As a reserve research astronaut within the HUNOR Program, he successfully completed the full range of national and international medical, psychological and professional aptitude assessments, as well as astronaut training. His professional expertise played a significant role in mission preparation, technical support, and the provision of the operational framework underpinning the mission.

AWARDS AND HONORS

- Tibor Kapu's selection as Hungary's prime research astronaut within the framework of the HUNOR Program, following an exceptionally rigorous national and international selection and aptitude assessment process.
- Successful completion of the international astronaut training program led by NASA and Axiom Space.
- Participation in the Axiom-4 mission to the International Space Station, including the execution of Hungarian scientific experiments.
- Gyula Cserényi's appointment as reserve research astronaut, reflecting full mission readiness and the capability to assume active mission duties at short notice.