



25th Ground System Architectures Workshop

Adapting Critical Operations

Starts March 1, 2021 | Special Online Series of Events

Hany Fawzy

Hany Fawzy graduated from Electronics and Telecommunication Department, Faculty of Engineering, Cairo University in 1985. Following that, he continued his postgraduate studies in Computer Engineering and Computer Science in Egypt and France, where he obtained his Ph.D. degree from University of Nancy 1 (Lorraine University) in Artificial Intelligence in 1992.

Following that, Dr. Fawzy continued his research in the domain of AI application in different fields such as telecommunications and health systems. Dr. Fawzy joined the industry in 1998, and worked for multiple companies such as Motorola and Harris in the fields of Systems Engineering and Project Management. In 2005, Dr. Fawzy joined the Canadian Department of Defense as a Systems Engineer and participated in managing the System of Systems engineering cycle of the intelligent Land Command Support System.

In 2011, Dr. Fawzy joined the Canadian Space Agency (CSA) as a Senior Systems Engineer, he worked as Lead Systems Engineer for RadarSat Constellation Mission Ground Segment. Currently he's a member of CSA Lunar Gateway Program Systems Engineering Team. In his function, he supports the different Artificial Intelligence activities within the gateway program as well other CSA AI scientific and industrial initiatives.

Chantelle Dubois

Chantelle Dubois is a computer engineer at the Canadian Space Agency, primarily in the role of Avionics and Software Systems Engineering for the agency's Lunar Gateway Program. During her studies, she interned several times at the agency supporting

software integration activities for the Lunar Exploration Analogue Deployment, a lunar rover prototype project. She has also had additional training supporting multi-mission ground segment software development for the agency's Satellite Operations team. Prior to her employment with the agency, Chantelle was involved with the Space Generation Advisory Council, an NGO based in Austria which facilitates professional development, networking, and input to the United Nations Committee on Outer Space Affairs from a global community of students and young professionals in the space sector.