

Dr. Daniel Fischer is the Lead Ground Segment Engineering Architect at the European Space Agency's Directorate of Operations. He has more than 15 years of experience in ground segment engineering and strategic institutional and commercial development for European ground segments. He joined ESA in 2009 as Data Systems Manager, responsible for the mission operations software systems of several ESA missions, including Sentinel-2 and Sentinel-5p. During this time, he was also driving the development and ESA-wide deployment of space-link security solutions. In 2018 he joined the Operations Directorate Strategy and Transformation Office where he oversaw the management and strategic development of the ESA mission operations infrastructure. He became Head of Ground Segment Systems and Cybersecurity Engineering in 2021, taking responsibility of providing ground segment system and cybersecurity engineering services to various ESA programs. He was also driving innovation and technology development in the domain with a strong focus on building industrial competitiveness, before taking his current role in 2024. Dr. Fischer is currently responsible for managing the Directorate's commercialisation, research & development, and standardisation programs as well as the Directorate frame contract for commercial engineering services. He is very active in the Consultative Committee for Space Data Systems (CCSDS) where he is serving as the chair of the CCSDS engineering steering group.

Daniel received his diploma in Computer Science from Trier university and his Ph.D. from the University of Luxembourg.