BIO

Adil Rasheed is a Professor at the Department of Engineering Cybernetics, Norwegian University of Science and Technology (NTNU), and a part-time Senior Scientist at SINTEF Digital. His research focuses on developing enabling technologies for digital twins through *Hybrid Analysis and Modeling (HAM)*, which unifies physics-based and data-driven approaches for real-time automation, control, and decision support.

He has previously led the Computational Sciences and Engineering Group at SINTEF Digital, where he contributed to advancing digitalization in renewable energy, aviation, and industrial systems. His broader research interests span robotics, autonomous systems, energy technologies, and complex cyber-physical infrastructures, with an overarching goal of creating data-enhanced modeling frameworks that drive intelligent, efficient, and sustainable engineering solutions.