

| Session Chair

S04



DHEERAJ GOSALA

Research scientist

Institute of Maritime
Technologies and Propulsion
Systems
German Aerospace Center
(DLR)

ABOUT

Dr. Dheeraj Gosala is a research scientist at the German Aerospace Center (DLR)- Institute of Maritime Technologies and Propulsion Systems. With focus on optimization and control of hybrid powertrains, his research aims to develop sustainable solutions for the maritime industry by accelerating the use of renewable fuels, high-efficiency energy converters, and energy system electrification in waterborne transport. Previously, he worked as a technical specialist in the Advanced Systems Performance group in Cummins, with focus on controls development for advanced hybrid on-road vehicle powertrains. As of 2026, Dheeraj has authored over 30 journal and conference papers and holds three patents.

