

Welcome to KFUPM

Dr. Mansur Maturidi Arief

Assistant Professor

Industrial and Systems Engineering Department

Affiliated with Interdisciplinary Research Center for Smart Mobility & Logistics



Education:

PhD. from Carnegie Mellon
University, Pittsburgh, USA, 2023

Previous Institution:

Stanford University, USA
Executive Director of Center
for AI Safety, 2023 - 2025

Research Profile (SCOPUS):

Total Citations: **417**
Total Journal Publications: **6**
H-index: **11**

Professional Interests:

AI for Safety and Sustainability,
Verification and Validation for AI, Intelligent
Logistics and Supply Chain Management

About Dr. Arief:

Dr. Arief is recognized for his research on AI safety and validation of autonomous systems, with expertise in optimization modeling, decision-making under uncertainty, and safety-critical rare-event simulation. Named a Cyber-Physical Systems (CPS) Rising Star in 2024, his work bridges theoretical advances with practical applications in safety-critical domains including intelligent transportation, healthcare, and energy resilience and critical mineral supply chains. He currently serves as an Editor-in-Chief for the Operations and Supply Chain Management: International Journal (OSCM).