

Glenn Lightsey

Professor, Aerospace Engineering at Georgia Tech College of Engineering

Atlanta, GA, US

Glenn Lightsey is an expert in the technology of small satellites including guidance, navigation, and control systems, and satellite swarms.

Biography

Professor Lightsey's research program focuses on the technology of satellites, including: guidance, navigation, and control systems; attitude determination and control; formation flying, satellite swarms, and satellite networks; cooperative control; proximity operations and unmanned spacecraft rendezvous; space based Global Positioning System receivers; radionavigation; visual navigation; propulsion; satellite operations; and space systems engineering. In his previous work at UT-Austin, he founded and directed the Texas Spacecraft Lab which built university satellites. He has authored and coauthored over 100 technical publications. Dr. Lightsey is an AIAA Fellow. He is a member of the AIAA Small Satellite Technical Committee and has previously served on the AIAA Guidance and Control Technical Committee.

Areas of Expertise

Small Satellites, Global Positioning, Space Systems Engineering, Unmanned Spacecraft

Affiliations

Journal of Small Satellites, AIAA Journal of Spacecraft and Rockets

Education

Stanford University

Ph.D. Aeronautics & Astronautics

Johns Hopkins University

M.S. Electrical Engineering

Princeton University

B.S. Mechanical & Aerospace Engineering

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