

## **Prof. Roy Hartfield**

### Biographical Sketch



Roy J. Hartfield, Jr. is the Walt and Virginia Woltosz Professor of Aerospace Engineering in the Samuel Ginn College of Engineering. He holds a PhD in Mechanical and Aerospace Engineering from the University of Virginia (1991). Dr. Hartfield's technical interests include optimization of aerospace systems, propulsion, aerodynamics including system modeling, wind tunnel testing, and optical diagnostics. Dr. Hartfield has authored or co-authored 80 conference papers, 30 journal articles, and five patents in these areas and maintains an active research program. Dr. Hartfield has taught short courses in the area of propulsion for NASA, DoD, the CIA and the University of Kansas and he is actively involved in aircraft aerodynamics consulting activities through Research in Flight, an Alabama business. Dr. Hartfield is active as an Associate Fellow in the American Institute of Aeronautics and Astronautics, having served as a member of the High Speed Airbreathing Propulsion Technical Committee, a member of the Applied Aerodynamics Technical Committee and as Technical Chair of the 25<sup>th</sup> AIAA Applied Aerodynamics Conference.