



The 7th Annual Dayton Engineering Sciences Symposium October 24th 2011

Remotely Piloted Aircraft



imagination at work



WRIGHT STATE
RESEARCH INSTITUTE

WELCOME

On behalf of the Organizing Committee, we would like to welcome you to the 7th Annual Dayton Engineering Sciences Symposium (DESS). Sponsored by the Dayton Section of the American Society of Mechanical Engineers (ASME), the symposium is designed and intended to facilitate communication between members of the regional engineering community, to provide a forum for students, engineers, and scientists, to present their work, and to sharpen their technical presentation skills.

This year's symposium features over 100 technical presentations spanning a broad range of engineering and science and a keynote speech by Mr Joe Sciabica (Executive Director of the Air Force Research Laboratory). Mr. Sciabica has been with the Air Force since 1982 and held a variety of assignments with progressive responsibility in both management and technical leadership positions within the laboratories and Headquarters of the U.S. Air Force. He has been known as a visionary leader across the Air Force. For his outstanding contributions, he received Meritus Service Presidential Rank Award in 2008. His keynote talk is titled "**AFRL's Role in Remotely Piloted Aircraft**"

We hope that this symposium serves the Dayton Region's professional communities needs in terms of technology exchange and networking opportunities. Its success would not have been possible without the active participation of speakers, session chairs, sponsors, students, faculty, government and industry representatives, organizing committee, and the ASME Dayton Section Executive Board. We sincerely hope that you have a great time and we thank each and every one of you for your dedicated and committed contributions.

Tom Christian, Symposium Chair

Haibo Dong, Symposium Co-Chair

Sivaram Gogineni, Executive Advisor

DESS Committee

Conference Website & Registration Coordinator – Tim Leger

Technical Program Chairs – Piyush Shah

Session Chair Coordinator – Waruna Kulatilaka

Keynote Coordinator – Tom Christian

WSU Facilities Coordinator – Haibo Dong

Financial Coordinator – Vince Miller

AFRL Representatives – Carl Tilmann & Jonathan Poggie

UD Representative – Kevin Hallinan

UDRI Representative – John Leland

WSU Representative – Haibo Dong

Chair, ASME Executive Board – Tim Leger

Industry/Sponsors Coordinator – Sivaram Gogineni

Event Photographer – Amy Lynch

KEYNOTE SPEAKER

Joe Sciabica, a member of the Senior Executive Service, is Executive Director, Air Force Research Laboratory, Wright-Patterson Air Force Base, Ohio. He is the principal assistant to the commander and the senior civilian executive responsible for managing the Air Force's \$2.5 billion science and technology program; additional customer funded research and development of \$2.5 billion; and a workforce of approximately 10,400 people in the laboratory's component technology directorates and the Air Force Office of Scientific Research.



Mr. Sciabica began his career with the Air Force in 1982 at the Air Force Rocket Propulsion Laboratory, Edwards AFB, CA, developing technologies for small intercontinental ballistic missiles and in-space structures dynamics and control. He has served in a variety of engineering and senior technical management positions within the Air Force laboratory system, leading the development and transition of advanced rocket, space and sensor technologies to air, space and missile systems. Prior to his current assignment, he served as the AFRL Sensors Director, specializing in the science and technology needed for superior U.S. air, space and cyberspace systems for reconnaissance, surveillance, precision engagement and electronic warfare. A graduate of the Defense Systems Management College and National War College, Mr. Sciabica was appointed to the Senior Executive Service in 2003.

Thank You to All of the Symposium Sponsors



WRIGHT STATE
RESEARCH INSTITUTE

Room Locations

