

Invited Scholars for the Hypersonic Wind Tunnel Workshop

Name	Affiliation	Supersonic Wind Tunnel Research & Experience
Frank K. Lu	University of Texas at Arlington, USA	Dr. Lu is a globally recognized expert in hypersonic and supersonic experimental aerodynamics. His extensive background includes expertise in detonation propulsion systems, shock wave-boundary layer interactions, and experimental flow diagnostics. He has also served as the Director of the Aerodynamics Research Center at UTA.
Hideyuki Tanno	Tohoku University, Japan	Dr. Tanno is a globally recognized expert in rotating detonation engines and air-breathing propulsion systems for scramjets. His research also focuses on aero-thermal engineering for re-entry spacecraft and hypersonic cruisers, as well as radiation heating of super-orbital reentry capsules. He has extensive experience in both fundamental research and experimental facility development, including his current role as a Senior Researcher at JAXA's HIEST facility.
Joseph S. Jewell	Purdue University, USA	Dr. Jewell's notable experience includes leadership roles as the Director of Purdue University's Boeing-AFOSR Mach 6 Quiet Tunnel and HYPULSE Reflected Shock/Expansion Tunnel. His research expertise encompasses hypersonic boundary-layer transition, low-disturbance wind tunnel testing, and advanced laser-based diagnostics

Rome Oktovianus Bura	Republic of Indonesia Defense University (RIDU)	Dr. Bura is an expert in hypersonic aerothermodynamics and high-speed aerodynamics, with a focus on defense-related aerospace technology. He has extensive experience across academia and industry, including serving as Dean of the Faculty of Defense Technology at RIDU and as a Visiting Professor at the University of Texas at Arlington. His research also covers detonation-based shock physics and flow control.
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