

Poster session (Terrace room and lobby area)

■ ECAT ■ STAR ■ Sky Frontier ■ Science&Basic Tech

- 01 FQUROH: A flight demonstration project for airframe noise reduction technology
- 02 Eco-wing technology
- 03 Software certification technology initiative for aircraft equipment
- 04 Next-generation jet engine technology (aFJR, En-Core, DANTE)
- 05 Technologies for enhancing operational safety and mission capabilities of small UAS
- 06 UAS traffic management (UTM) system
- 07 Disaster Relief Aircraft Management System Network (D-NET)
- 08 WEATHER-Eye: Technologies to protect aircraft from special weather conditions
- 09 Smart Flight Technology
- 10 R&D for System integration of Silent SuperSonic airplane technologies(S4)
- 11 Emission free aircraft technology
- 12 High-speed compound helicopter
- 13 Sodar-based low-level wind information system "SOLWIN"
- 14 MCS parallel computation system—system evaluation and optimization of design parameter—
- 15 Advanced functional structure
- 16 Innovative jet engine research (Bio-fueled/ Electric/ Hypersonic propulsion)
- 17 Noise source localization tool for wind tunnel testings
- 18 Research into aerodynamic device to enhance flight envelope
- 19 Large-scale time-series data analysis technology
- 20 Integrated simulation technology

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JAXA 航空シンポジウム 2018

JAXA AERONAUTICS SYMPOSIUM 2018

社会につなぐ「確かな技術」
未来へつなぐ「驚きの創造」

– Solid technology to society, "wow" creation for future –

3 October 2018

10:00 – 16:00 (Door open 9:30)

Ochanomizu sola city 2F The sola city Hall / Terrace Room

Organized by

Japan Aerospace Exploration Agency (JAXA)

Program

10:00 } 10:10	Opening remarks Hisashi Sano Vice President, Director General of the Aeronautical Technology Directorate, JAXA	
10:10 } 10:30	Looking back on the Third Mid-term Plan: Summary and achievements Akira Murakami Director, Management and Integration Department Aeronautical Technology Directorate, JAXA	
10:30 } 10:50	aFJR project: Summary and achievements Toshio Nishizawa Director, Propulsion Research Unit, Aeronautical Technology Directorate, JAXA	
10:50 } 11:10	SafeAvio project: Summary and achievements Shigeru Machida Deputy Director for Weather Safety Avionics Technology Aviation Systems Research Unit, Aeronautical Technology Directorate, JAXA	
11:15 } 11:55	<div>[Special lecture] ※Simultaneous translation (English /Japanese) provided</div> Innovation for the Future of Aerospace Dr. Naveed Hussain Vice President, Aeromechanics Technology, Boeing Research & Technology The Boeing Company	
	<div>Naveed Hussain is vice president of Aeromechanics Technology and leads the Boeing Research & Technology research center in Southern California, where he oversees a team of scientists, technologists, technicians and engineers who are responsible for integrated technology development in the areas of flight sciences and structures. The Aeromechanics team differentiates Boeing through vehicle technology that enables both performance and affordability across the product lifecycle. The group leads innovative future aircraft concepts and enables future aerospace solutions.</div> <div>Hussain earned a Bachelor of Science degree from Rensselaer Polytechnic Institute and a Master of Science degree and a doctor of philosophy degree from Stanford University, all in Mechanical Engineering. He also completed an MBA from The Wharton School, University of Pennsylvania.</div>	

13:30 } 14:10	Our vision and strategy for the Fourth Mid-to-long-term Plan – Solid technology to society, “wow” creation for future – Hisashi Sano Vice President, Director General of the Aeronautical Technology Directorate, JAXA	
14:10 } 14:25	En-Core: Overview of core engine technology demonstration pre-project Takashi Yamane Project Manager, En-Core pre-project team, Aeronautical Technology Directorate, JAXA	
14:25 } 14:40	Electrification to bring about innovation in aviation Akira Nishizawa Manager, Emission Free Aircraft Team, Next Generation Aeronautical Innovation Hub Center Aeronautical Technology Directorate, JAXA	
14:50 } 15:30	<div>[Special lecture] ※Simultaneous translation (English /Japanese) provided</div> Airbus – Path to electrification Ms. Lucie Ravelojaona Innovation Manager Airbus	
	<div>For the past two years, Lucie Ravelojaona has been an Innovation Manager for Airbus. She is in charge of all innovation-related scouting activities in Japan, South Korea and South East Asia, including identifying and building network with start-ups, incubators, investors and corporates, and following up projects launched locally.</div> <div>Prior to joining Airbus, Lucie worked for the airline industry as a Flight Operations Engineer. She graduated from the French Civil Aviation University (ENAC, France) with a MSc. in International Air Transport Operations Management.</div>	
15:30 } 15:40	Closing remarks Kenji Yoshida Program Director, Aeronautical Technology Directorate, JAXA	
	<div>Moderator</div> Kazuo Terakado Science journalist	