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International Experts Summit on Aeronautics and Aerospace Engineering

 **JUNE 15-17, 2026**

 **ROME, ITALY**



TENTATIVE PROGRAM

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AeronauticsSummit-2026@iconicconferences.org



<https://www.aeronautics.theiconicmeetings.com/>

Day 1 (June 15, 2026)	
08:00-09:00	Registrations in Main Hall
09:00-09:05	Introduction
09:05-09:30	Opening Ceremony
Plenary session	
09:30-10:10	<p>Title: Non-proportional plastic deformation at the micron scale: Single crystal Cu cantilever beams subjected to orthogonal bending</p> <p>John W. Hutchinson, Harvard University, USA</p>
10:10-10:50	<p>Title:PyFR v2. 0.3: Towards industrial adoption of scale-resolving simulations</p> <p>Antony Jameson, Texas A&M University, USA</p>
10:50-11:00	Refreshments Break@ Foyer
11:00-11:40	Speaker Slot Available
Keynote Session	
11:40-12:15	<p>Title:Observation and Model Studies of Cloud Properties and Associated Processes II Oral</p> <p>Jonathan H Jiang, California Institute of Technology, USA</p>
12:15-12:50	Speaker Slot Available
12:50-13:00	Group Photo & Networking Session
13:00-14:00	Lunch Break
14:00-14:35	Speaker Slot Available
14:35-15:10	<p>Title: Titanium and titanium alloys: fundamentals and applications</p> <p>Christoph Leyens, TU Dresden, Germany</p>

15:10-15:45	<p>Title: Separation bubble shaped control bumps for turbulent oblique shock wave–boundary–layer interactions.</p>
	<p>Holger Babinsky, Gazi University, Turkey.</p>
<p>Featured Talks</p>	
15:45-16:15	<p>Title: Experimental study and mechanistic analysis of pool boiling heat transfer enhancement on surfaces with heterogeneous thermal conductivity</p>
	<p>Xiuqing Hao, Nanjing University of Aeronautics and Astronautics, China.</p>
16:15-16:30	<p>Refreshments Break@ Foyer</p>
16:30-17:00	<p>Speaker Slot Available</p>
<p>Speaker Slots Available</p>	
<p>Cocktail Party @18:30 onwards</p>	
<p>Day 2 (June 16, 2026)</p>	
08:30-09:30	<p>Registrations in Main Hall</p>
<p>Plenary Session</p>	
09:30-10:10	<p>Speaker Slot Available</p>
10:10-10:50	<p>Title: Large language model-empowered next-generation computer-aided engineering.</p>
	<p>Thomas JR Hughes, University of Texas at Austin, USA.</p>
<p>Keynote Session</p>	
10:50-11:25	<p>Title: Investigation of Enhanced Large-Signal Impulse Amplification in a Wideband TWT.</p>
	<p>Nader Behdad, University of Wisconsin-Madison, United States.</p>

11:25-12:00	Speaker Slot Available
12:00-12:20	Refreshments Break@ Foyer
12:20-12:50	Title: High-Order and Fractional-Order Evanescent-Mode Filters.
	Dimitrios Peroulis, Purdue University, United States.
12:50-13:00	Group Photo & Networking Session
13:00-14:00	Lunch Break
14:00-14:35	Speaker Slot Available
Featured Talks	
14:35-15:05	Speaker Slot Available
15:05-15:35	Title: Spacesuits and extravehicular activity
	Ana Diaz Artiles, Texas A&M University, United States
15:35-16:05	Title:Enhancing aviation safety with artificial intelligence: A systematic literature review on recent advances, challenges and future perspectives.
	Kam K.H. NG, Hong Kong Polytechnic University, China.
Speaker Slots Available	
Cocktail Party @18:30 onwards	
Day 3 (June 17, 2026)	
08:30-09:30	Registrations in Main Hall
Plenary session	
09:30-10:10	Speaker Slot Available

10:10-10:50	<p>Title: Frictional heating effects on entropy generation with nonlinear Rosseland radiation: Implementation of generalized differential quadrature method.</p>
	<p>Ali J. Chamkha, Kuwait College of Science and Technology, Kuwait.</p>
Keynote session	
10:50-11:25	<p>Title: Influence Spread Maximization in Social Networks via Activation Probability Overlap Reduction.</p>
	<p>Mariagrazia Dotoli, Politecnico di Bari, Italy.</p>
11:25-11:35	Refreshments Break@ Foyer
11:35-12:10	<p>Title: Exploration of Morphing Wing-Integrated Offset Reflector Antenna Concept for Aerodynamic and Far-Field Electromagnetic Performance.</p>
	<p>Darren J Hartl, Texas A&M University, United States.</p>
12:10-12:45	Speaker Slot Available
12:45-13:00	Group Photo & Networking Session
13:00-14:00	Lunch Break
Featured Talks	
14:00-14:30	Speaker Slot Available
14:30-15:00	<p>Title: Aviation e-fuel mandates: balancing average and minimum requirements for emission reduction.</p>
	<p>Ang Li, Hong Kong Polytechnic University, China.</p>
15:00-15:30	<p>Title: Simulations of Thermal Blooming Effect.</p>
	<p>Albina Tropina, Texas A&M University, United States.</p>
Speaker Slots Available	
Speaker Slots are available to 18:30	