



International Conference & Expo on

Aerospace & Aeronautical Engineering

February 26-27, 2018 Abu Dhabi, UAE

Day 1 Feb 26, 2018

Main Hall

08:30-09:30 Registrations

09:30-10:00 Introduction & Opening Ceremony

Keynote Session

10:00-10:30 Title: The dangers of landing on a comet....twice
Laurence O'Rourke, European Space Agency , Spain

10:30-11:00 Title: Vibroacoustics of Sandwich composite structures
Mohamed Ichchou, Univesity of Lyony, FRANCE

11:00-11:15 Coffee Break

11:15-11:45 Title: Challenges to Aerospace / Aeronautical Engineering - Indian Context
Ch.Sanjay, Gitam University, India

11:45-12:15 Title: Aeronautical Engineering: A New Paradigm for Education
Georges N. NAHAS, University of Balamand, Lenanon

12:15-12:45 Title: Multidisciplinary Design Optimization and Technological shift in Aerospace & Aeronautical Engineering
Parviz Mohammad Zadeh, University of Tehran, Iran

12:45-12:55 Group Photo

12:55-13:55 Lunch Break

Session 1 Scientific Sessions

Session Chair Oussama C. Jadayel, Balamand Institute of Aeronautics

13:55-14:10 Title: Towards a Global Strategy for the Formation of Aero-Engineers and Technologists in the Middle East
Oussama C. Jadayel , Balamand Institute of Aeronautics,

14:10-14:25 Title: Aeronautical Education and Training in the Middle East
Thomas Fakoussa , Captain, Germany

14:25-14:40 Title: Aeronautical Education and Training in the Middle East
Akram Hammoudeh, University of South Wales Branch-Dubai

14:40-14:55 Title: What Does It Take to Become a CAA Inspector or Accident Investigator?
Elias Nikoaidis, General Civil Aviation Authority, UAE

14:55-15:35 Panel Discussion

15:35-15:50 Coffee Break

15:50-16:10 Title: To Identify the prevalence of heightened emotional activity (HEA) during normal flight operations and whether HEA mediates threat response and outcome
Doug Drury, University of South Australia, Australia

16:10 -17:10	Title: ICE CUBES – International Commercial Experiment Cubes establishing a fast-track, simple, affordable access service for small experiments to the ISS Stenuit Hilde , Space Applications Services, Netherlands
17:10-17:30	Workshop on : A TRAINER AIRCRAFT DESIGN AND BUILD PROGRAM; WITH EMPHASES ON MANUFACTURING AND TESTING REQUIREMENTS Abdulhamid Ghmmam , Libyan Authority for Research, Science and Tecnology, Libya
17:30-17:50	Title: Internal ballistic numerical modelling for next generation space launchers and micro-launchers Florin Mingireanu , Romanian Space Agency, Romania
17:50-18:10	Title: THE GERMANWINGS CASE: A BLACK SWAN OR A DANGEROUS TREND? Antonio Chialastri , Rome “La Sapienza” University, Rome
Day 2 Feb 27, 2018	
MainHall	
Session 1	Keynote Session
Session Chair	Oussama C. Jadayel, Balamand Institute of Aeronautics
10:00-10:30	Title: The search for the Rosetta Philae Lander Laurence O'Rourke , European Space Agency, Europe
Sessions 1	Scientific Sessions
10:30-10:50	Title: Unmanned Aircraft for Precipitation Alan Gertler , Desert Research Institute,US
10:50-11:05	Coffee Break
11:05-11:25	Title: Advanced Hyperloop Transportation System Shaaban Abdallah , University of Cincinnati, USA
11:25-11:45	Title: Air Craft Winglet Design and Performance: CantAngle Effect Essam E. Khalil , Cairo University, Egypt
11:45-12:05	Title: Challenges and Recent Progress in Small Fixed-Wing Unmanned AircraftUnsteadyAerodynamicsand Flow Control Research Vladimir Golubev ,Embry-Riddle Aeronautical University, USA
12:05-12:25	Title: Math modelling and CFD simulation of bio-inspired wingtip devices: Delta leading edge extension at the wingtip and a curved winglet concept Djahid Gueraiche , Moscow Aviation Institute, Moscow
12:25-12:45	Title: Feasibility of One Man Copters as Future Transportation Akshtha Ilangovan , SRM University, India
12:45-12:55	Panel Discussion
12:55-13:55	Lunch Break
13:55-14:55	Workshop on: Friction Welding Methods: Simulation and Experiment Parviz Asadi , Imam Khomeini International University, Qazvin, Iran
14:55-15:15	Title: High Altitude UAV Development and Flight Testing Florin Mingireanu , Romanian Space Agency, Romania

15:15-15:35	Title: Some Issues on China General Aviation Legislation Luan Shuang , Nanjing University of Aeronautics and Astronautics, China
15:35-15:50	Coffee Break
15:50-16:10	Title: COMPARATIVE STUDY OF EFFICIENCY AND PRODUCTIVITY OF INTERNATIONAL AIRLINES Antonio Henriques de Araujo Junior , State University of Rio de Janeiro , Brazil
16:10-16:30	Title: Theoretical Model for Aircraft Susceptibility to Infrared Guided Missiles SHRIPAD P. MAHULIKAR , IIT Bombay, India
16:30-16:50	Title: Numerical Investigation on the Effect of Gasper Jets on Human Thermal Comfort in Aircraft Cabins Essam E. Khalil , Cairo University, Egypt
Poster Presentations on Day 2 @ 16:50-17:30	
P-001	Title: FASTENERS PULL-THROUGH STRENGTH ON FRP LAMINATE
	Moazzam Habib , Cranfield University, UK
***Note: This is a Tentative Program, it is Subjected to slight changes till Final Program	

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