

15th IBCAST 2017: AEROSTRUCTURES

Technical Program

Overview

0930-11:10				1130-12:50		14:00-16:30					
Day-1 January 09, 2018 Tuesday	REGISTRATION			INAUGURAL CEREMONY		Invited Talks	Presentation		Presentations		
						Prof. Dr. Nasir Tamin 14:00-14:50	AS 36	AS 47	AS 55	AS 109	AS 8
Day-2 January 10, 2018 Wednesday	Invited Talks	Presentations		Invited Talks	Presentations	Invited Talks	Presentation		Presentations		
	Prof. Dr. Jianfu Zhang 09:30-10:30	AS 150	AS 217	Prof. Dr. Junqing Li 11:30-12:30	AS 242	Dr. Wasim Akram 14:00-14:50	AS 663	AS 278	AS 450	AS 558	AS 661
Day-3 January 11, 2018 Thursday	Prof. Dr. Suo Tao 09:30-10:30	AS 561	AS 563	Prof. Dr. Feng Lin 11:30-12:30	AS 570	Prof. Dr. Nasir Tamin 14:00-14:50	AS 598

15th IBCAST 2017: AEROSTRUCTURES
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Day 1: January 09, 2018 - Tuesday

09:30-Onwards	REGISTRATION	
10:30-12:00	INAUGURAL CEREMONY	
12:30-14:00	LUNCH	
14:00-14:50	Invited Talk #1	
Chair: Dr. Saeed Badshah	Prof. Dr. Nasir Tamin <i>Interlaminar Fatigue Damage of Fiber-Reinforced Polymer Composite Laminates</i>	University Technology Malaysia
14:50-16:30 Session-I Chair: Dr. Saeed Badshah	AS-36: Friction Plug Welding Temperature Field Simulation	YAN Chongjing NUAA, China
	AS-47: A Unique Framework of Assembly Design Combining Tolerance and Regression Analysis	M. Kashif Nawaz BUAA, China
	AS-55: Flight Dynamics Modeling and Analysis of High Aspect Ratio Flexible Aircraft	Liang XU, Yuping Lu NUAA, China
	AS-109: Dynamic response of 3D Lagrangian Soft Body Impact on Rigid and Compliant Targets	Sohail Ahmed NPU, China
	AS-8: Analysis of the Vortex Induced Vibrations on Chimney and Effect of Variable Stiffness Guy Cable Vortex Induced Vibrations on the Chimney Wake Region Under Different Forcing Functions to Reduce the Vibrations of Chimney	Muneebullah Nawaz CAE, NUST

15th IBCAST 2017: AEROSTRUCTURES

Technical Program

Day 2: January 10, 2018 - Wednesday

09:30-10:30 Chair: Prof. Dr. Suo Tao	Invited Talk # 2 Prof. Dr. Jianfu Zhang	Tsinghua University
10:30-11:10 Session-II Chair: Prof. Dr. Suo Tao	AS-150: Effects of variation in flow field on store separation	AamirNaveed CAE, NUST, Pak
	AS-217: Numerical Study on the Optimum Design of Explosively Formed Projectile	Sheikh Muhammad Zakir NPU, China
11:10-11:30	TEA	
11:30-12:30 Chair: Prof. Dr. Suo Tao	Invited Talk # 3 Prof. Dr. Junqing Li <i>Superlight Mg-Li base alloys</i>	Harbin Eng. University China
12:30-12:50 Session-III Chair: Prof. Dr. Suo Tao	AS-242: Investigation of Effect of Altitude on Longitudinal Modes of Aircraft	Shan Ul-Haq CAE, NUST
12:50-14:00	LUNCH	

15th IBCAST 2017: AEROSTRUCTURES

Technical Program

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<p>14:00-14:50</p> <p>Chair:</p> <p>Prof. Dr.Jianfu Zhang</p>	<p>Invited Talk # 4</p> <p>Dr. WasimAkram</p>	<p>CESAT</p>
<p>14:50-16:30</p> <p>Session-IV</p> <p>Chair:</p> <p>Prof. Dr.Jianfu Zhang</p>	<p>AS-663:System Development and Evaluation of Rotary Unmanned Aerial Vehicle</p>	<p>Imran Nusrat Ali NUST</p>
	<p>AS-278: Isothermal tensile, cyclic behaviour and constitutive modelling of nickel-based directionally solidified superalloy</p>	<p>Amin ulhaq BUAA, China</p>
	<p>AS-450: Two Dimensional Star Grain Optimization Method Using Genetic Algorithm</p>	<p>AlmostafaAbdelaziz BUAA, China</p>
	<p>AS-558: BOM Technology based Knowledge Service Mechanism in Aircraft Product Development Process</p>	<p>Faping Zhang BIT, China</p>
	<p>AS-661:Method and Experimental Validation of Spatial Rotation Angle Measurement by Tilt Sensors</p>	<p>CHEN Qi-xiang Xi'an Jiaotong University</p>

15th IBCAST 2017: AEROSTRUCTURES

Technical Program

Day 3: January 11, 2018 - Thursday

09:30-10:30 Chair: Prof. Dr. Junqing Li	Invited Talk # 5 Prof. Dr. Suo Tao	NPU China
10:30-11:10 Session-V Chair: Prof. Dr. Junqing Li	AS-561: Design and Analysis of 5kW Gas Turbine labyrinth Seal and Casing	Zain PIEAS
	AS-563: Development and Validation Research of an Active Sting Damper in a Transonic Acoustic Wind Tunnel	Xing shen NUAA, China
11:10-11:30	TEA	
11:30-12:30 Chair: Prof. Dr. Junqing Li	Invited Talk # 6 Prof. Dr. Feng Lin	Tsinghua University
12:30-12:50 Session-VI Chair: Prof. Dr. Junqing Li	AS-570: Stress analysis of a steam turbine blade due to bowing effect	M. JavedHyder PIEAS
12:50-14:00	LUNCH	

15th IBCAST 2017: AEROSTRUCTURES

Technical Program

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14:00-16:50 Chair: Prof. Dr. Junqing Li	Invited Talk # 7 Prof. Dr. Nasir Tamin	University Technology Malaysia
14:50-16:30 Session- VII Chair: Prof. Dr. Junqing Li	AS-598: A Numerical Investigation of High Speed Projectile Impact on Ceramic Plates	Haseeb Ahmed NUST