

20th IBCAST 2023: Aerostructures Track

22-25 August 2023

Conducted Technical Program Updated on: 13-09-2023

		22-August-2023				23-August-2023				24-August-2023	
		Day-1	# of Talks:		Day-2	# of Talks:		Day-3	# of Talks:		
			Invited: 01	Contrib: 02		Invited: 04	Contrib: 07		Invited: 01	Contrib: 04	
16:00 - 18:30	Session 1.1 (Session Chair: Prof Liang Guozhu)	Invited Talk:01 Prof. Dr. Li Hong (NO SHOW)		09:00 - 10:30	Session 2.1 (Session Chair: Prof. Dr. Hafiz Sana Ullah Butt)	Invited Talk:02 Umer Farooq		09:00 - 10:30	Session 3.1 (Session Chair: Dr. Deniz Koken / Dr. Naeem Zafar)	Invited Talk:06 Dr. Li Yong (NO SHOW)	
		Contrib # 01 Paper ID: 13 Design of Launching Mechanism for Unmanned Aerial Vehicle Sheikh Abdullah Haroon Air University, Pakistan CESAT				Contrib # 03 Paper ID: 486 Formulation of Design Parameters for the Design and Simulation of Loitering Munition Drones Muhammad Faizan Khan NUST, Pakistan (NO SHOW)				Contrib # 10 Paper ID: 132 Multi-physics Simulation and Experimental Analysis of Hybrid Composite (Glass/Foam/Kevlar) Based Radome for Subsonic Aerospace Application M. Talha Aamir UET, Taxila (NO SHOW)	
		Contrib # 02 Paper ID: 401 Buckling-failure of composite cylindrical shell under axial compression and bending moment loads: A comparative study Walid Mahdy Beihang University, China		11:00 - 12:50		Session 2.2 (Session Chair: Umer Farooq)	Contrib # 04 Paper ID: 39 A Numerical Investigation of a Modified Transonic Axial Compressor Rotor Muhammad Hamza NUST, Pakistan		11:00 - 12:30	Session 3.2 (Session Chair: Prof Yong Li)	Contrib # 11 Paper ID: 445 Computational Analysis of Aircraft Landing Gears upon Impact Testing Sabih Ahmad Khan NUST, Pakistan (NO SHOW)
TEA											
Contrib # 12 Paper ID: 159 Heat Conduction Based Topological Design Evaluation for Additive Manufacturing Maiyda Arshad CESAT											

		(ONLINE)						
					<p style="text-align: center;">Contrib # 05 Paper ID: 477 Dynamic behavior of CoCrNiMnFe High Entropy Alloy</p> <p style="text-align: center;">M. Atif NPU Xian, China</p>			
					<p style="text-align: center;">Contrib # 08 Paper ID: 213 Investigating and Improving the Dynamic Characteristics of Omni -Directional Anemococone Using Vibrational Analysis</p> <p style="text-align: center;">Uzair Azhar Institute of Space Technology Islamabad</p>			
					<p>Invited Talk:03 Adm Ahmed Saeed</p>			
			LUNCH					
					<p>Invited Talk:04 Prof Dr. LIANG Guozhu (NO SHOW)</p>			
			<p>14:00 - 15:30</p>	<p>Session 2.3 (Session Chair: Dr. Hafiz Sana Ullah Butt / Dr. Deniz Koken)</p>	<p style="text-align: center;">Contrib # 06 Paper ID: 99 Vibrational Analysis of a Multiple-Degree of Freedom System under Launching Environment</p> <p style="text-align: center;">Irna Sameen Air University, Pakistan</p>	<p>14:00</p>	<p>Departure to Islamabad</p>	
							<p style="text-align: center;">Contrib # 13 Paper ID: 442 Generative Design and Additive Manufacturing of an Optimized Cantilever Beam Using Autodesk Fusion 360</p> <p style="text-align: center;">Abdullah Tahir Pakistan Institute of Engineering and Applied Sciences, Pakistan</p>	

			<p>Contrib # 07 Paper ID: 118 Structural Analysis of Composite Metal Joint</p> <p>Zain ul Abidin NUST, Pakistan (NO SHOW)</p>	
	TEA			
	<p>16:00 - 17:00</p>	<p>Session 2.4 (Session Chair: Umer Farooq)</p>	<p>Invited Talk:05 Dr. Deniz Koken (ONLINE)</p> <hr/> <p>Contrib # 08 Paper ID: 354 Effect of delamination on free vibration response of composite plates</p> <p>Amina Mubasshar IST, Pakistan</p>	