

#### INTERNATIONAL VIRTUAL CONFERENCE ON

#### **MATERIALS RESEARCH**

(26<sup>th</sup> & 27<sup>th</sup> August 2021)



	TIME	PROGRAMME		
DAY 1 : 26.08.2021 - Thursday				
	9.45 am - 10.00 am	Inaugural Function Chief Guest: Dr. Sulekha Chattopadhyay, Ph.D California Public Utilities Commission		
Session 1	10.00 am -11.00 am	Invited Talk  Dr. Sulekha Chattopadhyay, Ph.D  California Public Utilities Commission  Title: Environmental policies and emerging  Technologies	EAN 20	
	11.00 am - 11.20 am	Tea Break		
Session 2	11.20am – 12.20pm	Invited Talk  Prof. G.Vaitheeswaran Advanced Centre of Research in High Energy Materials, University of Hyderabad.  Title: Computational study of energetic solids under hydrostatic pressure		
	12.20 pm - 1.30 pm	Lunch Break		
Session 3	1.30 pm - 2.30 pm	Invited Talk  Dr. Mohammed Taazem Ansari Department of Applied Sciences & Humanities, Jamia Millia Islamia, New Delhi, India  Title: Modelling of miniaturized functional devices employing quantum mechanical methods for applications in nano-electronics		
Session 4	2.30 pm - 4.00 pm	Contributed Paper		



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	TIME	PROGRAMME				
	DAY 1 : 26.08.2021 - Thursday					
Session 5	4.30 pm - 5.30 pm	Invited Talk				
		Prof. Christopher Shuck, Ph.D	a e k			
		Department of Materials Science & Engineering				
		A.J. Drexel Nanomaterials Institute (DNI), US				
		Title : M Xenes: 2D Transition Metal Carbides and Nitrides				



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	TIME	PROGRAMME			
DAY 2 : 27.08.2021 - Friday					
Session 6	9.00 am -10.00 am	Invited Talk			
		Prof. Goutam Chattopadhyay			
		Senior Scientist, NASA – Jet Propulsion Lab, Pasadena, California, US.			
		r asadena, Camonna, Ob.			
		Title: Mars Landing and Related Technical Challenges.			
Session 7	10.00 am -11.00 am	Invited Talk			
		Prof. Bidushi Bhattacharya, Ph.D.			
		TEDx Speaker, Thought Leader,			
		Ex-NASA Astropreneur			
		University of California, Los Angeles			
		Title : An Overview of Materials and Manufacturing in the Commercial Space Sector	Tree Section Comments		
	11.00 am - 11.20 am	Tea Break			
Session 8	11.20am – 12.20pm	Invited Talk			
		Raghavan Chinnambedu Murugesan			
		ERDF Research Associate			
		Enabling Technologies &Innovation Competences			
		Challenge (ETICC) Acton Institute of Photonia Technologies			
		Aston Institute of Photonic Technologies			
		Title: 2D Materials for Optoelectronic Applications			
	12.20 pm – 1.30 pm	Lunch Break	l		



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DAY 2 : 27.08.2021 – Friday					
Session 9	1.30 pm - 2.30 pm	Invited Talk  Dr. N.Vijayan Principal Scientist BND Division CSIR-National Physical Laboratory New Delhi.  Title: Why precise measurements are important for Scientific research?	gents of social change in, and in the nation tional and global n , by shaping intella annessionate gradu		
Session 10	ession 10 2.30 pm - 4.00 pm Contributed Papers				
	4.00 pm – 4.15 pm	Valedictory Function			