

NATIONAL WELDING MEET (Webinar)

October 8-9, 2020



Theme: Welding & Fabrication Industry - the Emerging Scenario

THE INDIAN INSTITUTE OF WELDING, Jamshedpur Branch

Inaugural Session: 13:45 - 14:30 hrs, Oct 8						Start	End	Duration
1	Welcome address by the Chairman		Mr Sanjay Kumar Kedia, Chief Mechanical Maintenance Steel Making, Tata Steel & Chairman, IIW-India Jamshedpur Branch			13:45	13:53	8 min
2	Address by the President, IIW-India		Mr Parimal Biswas, President, IIW-India			13:53	14:03	10 min
3	Inaugural address by the Chief Guest		Mr Rajesh Ranjan Jha, Vice President Engineering & Projects, Tata Steel			14:03	14:18	15 min
4	Declare NWM 2020 meet open		Jointly by Mr Rajesh Ranjan Jha, Vice President Engineering & Projects, Tata Steel and Mr Parimal Biswas, President, IIW-India			14:18	14:20	2 min
5	Vote of Thanks		Dr Anand Prabhakaran, Head Industrial Tribology, Tata Steel & Hon. Secretary, IIW-India Jamshedpur Branch			14:20	14:25	5 min
Break						14:25	14:30	5 min
Category	Speaker	Designation	Affiliation	Topic title		Start	End	Duration
Session -1 (Guest Speakers): 14:30 - 18:00 hrs, Oct 8								
Session Chairman - Dr G Padmanabhan, Director, ARCI, Hyderabad								
Day 1 Guest Speakers	1	Surendra M Vaidya	Ex. Vice President & BH	Godrej and Boyce, Mumbai	Welding and Fabrication- Skill, Art or Culture	14:30	14:55	25 min talk+ 10 min Q&A
	2	Prithvi Hegde	Managing Director	Crystal Industries, Mumbai	Overview of Skid Based Modular Process Plant Building and Challenges in Metallurgy & Welding	15:05	15:30	
	3	Stewart Williams	Chief Technology Officer	WAAM3D, UK	Large-Scale Additive Manufacture using Wire based DED - Status and Future Prospects	15:40	16:05	
	4	Ranajoy Banerjee	CEO-ANB & Scheme Manager ANBCC	IIW India, Kolkata	IIW-India and its Role in International Qualification and Certification	16:15	16:40	
	5	Phillippe Mourgue	Business Development	ESI (Sysweld), France	Digital Transformation in Manufacturing with the help of Virtual Simulation	16:50	17:15	
	6	Indrajit Singh	Chief Planning Engg. (Rtd.)	Modern Coach Factory, Raebareli	Shell Fabrication - Welding	17:25	17:50	
Session -1 (Gold Sponsors): 18:00 - 19:15 hrs, Oct 8								
Session Chairman - Mr Sanjay Kumar Kedia, Chief Mechanical Maintenance Steel Making, Tata Steel, Jamshedpur								
Day 1 Sponsors	1	Siegbert Hafenschere	VP Sales -Maintenance & Repair	Voestalpine Bohler, Germany	Water Cooled Converter Ducts Protection- Arc Spraying as available Techno-Economic Solution	18:00	18:15	15 min talk + 10min Q&A
	2	Sudipto Banerjee	General Manager Sales	Wearresist Technologies, Vadodara	X'tralife Solutions for Maintenance Welding & Surface Protection in Core Sector	18:25	18:40	
	3	Jimit Shah/ Dipankar Ghosal	National Head Sales & Marketing	Hardcard Technologies, Navi Mumbai	Multi- Fold Enhancement in Service Life of Hot Sinter Crusher using Near-Nonostructured Hardfacing	18:50	19:05	
Session -2 (Students): 8:30 -10:00 hrs, Oct 9								
Session Chairman - Prof. Amitava De, Department of Mechanical Engineering, IIT Bombay								
Day 2 (First Half) Student Speakers	1	S S Choudhury	Research Scholar	IIT M, Dept. of Met. & Matl Engg.	Towards Improving Arc Stability during WAAM of Thin-Walled Titanium Components	08:30	08:42	12 min talk + 3 min Q&A
	2	Debtanay Das	Research Scholar	IIT G, Dept. of Mech. Engg.	Simulation of Flash Formation during Friction Stir Welding using CEL Approach	08:45	08:57	
	3	P.G. Sam Infant Jones	Research Scholar	CEMAJOR, Dept. of Manufacturing Engg.	Weldability of Super Austenitic Stainless Steel Tube Joints Using Plasma Arc Welding Process	09:00	09:12	
	4	R K Mookara	Research Scholar	IIT M, Dept. of Met. & Matl. Engg.	Directionally Solidified Inconel 625 structures by WAAM - Microstructure and Mechanical Properties Analysis	09:15	09:27	
	5	Vinoth A	Research Scholar	PSG, CoE in Welding Engg. & Tech.	Studies on TIG welding of Maraging Steel using Thermo-Mechanical Simulation	09:30	09:42	
	6	T. Pragatheswaran	Research Scholar	CEMAJOR, Dept. of Manufacturing Engg.	Influence of Plasma Gas Flow Rate on Mech. Properties and Microstructural Characteristics of PAW Ti6Al4V Alloy Joints	09:45	09:57	
Session -2 (Contributory Speakers): 10:05 -13:30 hrs, Oct 9								
Day 2 (First Half) Contributory Speakers	1	Ankit Vaidya	Metallurgical Engineer	TechnipFMC, California	Weldability of High Temperature Castings	10:05	10:25	15-20 min talk + 5 min Q&A
	2	Rakesh Goyal	Technical Specialist	John Deere, Pune	Modelling and Simulation Methods for Fatigue Life Analysis of Welded Joints	10:30	10:50	
	3	Hitesh Ashwin Narsia	Deputy Manager	Godrej and Boyce, Mumbai	Modern High Alloy Steels in Aerospace Industries - Challenges and Resolutions	10:55	11:15	
	4	Pranay Kumar	DM, Fabrication	Tata Hitachi, Khargpur	Impact of Ambient Weather Conditions on High Deposition Automated MIG Welding Process	11:20	11:40	
	5	K Prasad S & Justin B	Deputy Manager	Cochin Shipyard	Advancements in Joining Techniques in Shipbuilding	11:45	12:05	
	6	Sanket Singh	Head Welding Technology	ISGEC, Dahej	Development of Weld Overlay and Tube to Tubesheet Welding Procedure for Monel 400 Alloy	12:10	12:25	
	7	V S Raviteja Bhamidi	Sr.Manager Mfg. Fabrication	Tata Steel, Jamshedpur	Process Modification for Build up Welding on Bucket to Increase the Productivity and life	12:30	12:45	
	8	Mayuri Baruah	Assistant Professor	NIT, Jamshedpur	Simulation of Laser Welding of Polymeric Materials by Finite Element Method	12:50	13:05	
	9	K. Arumuga Raj	Welding Engineer	Towell Engg., Oman	API 650 as a Construction Code for Double Deck Internal Floating Roof with Aluminium dome – Multi Purpose Storage Tank	13:10	13:25	
Break						13:30	14:30	60 min
Session -3 (Invited Speakers): 14:30 -18:00 hrs, Oct 9								
Session Chairman - Dr Shaju K. Albert, Director, Metallurgy & Materials Group, IGCAR, Kalpakkam								
Day 2 (Second half) Invited Speakers	1	K Sivaraman	Sr.DGM Quality & Welding	L&T HED, Powai	Use of Temper Bead Gas Metal Arc Welding (GMAW) for In-situ Repair of Coke Drums	14:30	14:55	25 min talk+ 5 min Q&A
	2	Sunny Soni	Sr. Welding Engineer	Lamprelli, UAE	Welding Challenges in Wind Farm Jacket Fabrication	15:00	15:25	
	3	Vishvesh J Badheka	HOD & Professor	PDP, Gandhinagar	Welding for Additive Manufacturing	15:30	15:55	
	4	Subhas Ghosh	Head Quality	ISGEC, Dahej	Emerging Trends in Fabrication of Heavy Static Equipment	16:00	16:25	
	5	M K Asthana	General Manager	NTPC, Ranchi	Development of a Fully Automated Robotic Welding Set up for Automated Welding of Site Butt Weld Joints in Superheater - Reheater T91 / T22/ T23 Tubes in Ultra super Critical Boilers in NTPC	16:30	16:55	
	6	Swarup Bag	Associate Professor	IIT Guwahati	Interaction of Microstructural Morphology with Residual Stress in Laser Welding Process	17:00	17:25	
	7	Kuldeep Kaushik & Ravi Deshwal	Deputy General Manager	BHEL, Haridwar	Welding of Dissimilar Metals: Chromium Alloys with Nickel Alloys	17:30	17:55	
Session -3 (Gold & Silver Sponsors): 18:00 - 19:05 hrs, Oct 9								
Session Chairman - Dr Anand Prabhakaran, Head Industrial Tribology, Tata Steel, Jamshedpur								
Day 2 (Second half) Sponsors	1	Ionnis Grammenos	R&D Manager	Corwire Ltd. U.K.	Next Generation Materials for Hardfacing	18:00	18:15	10-15 min talk + 10min Q&A
	2	Mizzau Loris & Gunasekaran Muniraj	Product Head Caster & Quality HOD	Danieli Service, Italy & Danieli Factory, India	Reduction of Maintenance cost with Q - Rolls for Slab Casters	18:25	18:35	
	3	Nimesh Chinoy	Marketing Director	SigmaWeld, Mumbai	Product Customization in Induction Heating Applications for Pre Heating and Post Weld Heat Treatment	18:45	18:55	