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<td><strong>SESSION 1</strong></td>
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| **Hall A** | 11.00-13.00 | 1 | **Welding of Nitrogen-Containing 21-4-N Austenitic Stainless Steel using GMAW Process**  
(Paper-ICT009, Presenter-Raghavendra Darji, PDPU) |
| **Hall A** | 11.00-13.00 | 2 | **Procedure to develop defect free joint for thick copper plate using hot wire GTAW**  
(Paper-ICT170, Presenter-Hitesh Bhanushali, L&T Hydrocarbon) |
| **Hall A** | 11.00-13.00 | 3 | **Corrosion Behaviour of Gas Tungsten Constricted Arc Welded AISI 304 Stainless Steel Joints**  
(Paper-ICT002, Presenter-Mr. S.P. Shenoy, Steel Plant Specialities LLP) |
| **Hall A** | 11.00-13.00 | 4 | **ANALYSIS OF WELDING CHARACTERISTICS ON STAINLESS STEEL AND CARBON STEEL FOR THE PROCESS OF COMPLEX Piping Joints**  
(Paper-ICT091, Presenter-C.R. Das, IGCAR) |
| **Hall A** | 11.00-13.00 | 5 | **MANUFACTURING EXPERIENCE OF LARGE SIZE CO2 FUSION TEST VESSELS FOR ELECTRICITY TECHNOLOGY COMPLEX**  
(Paper-ICT132, Presenter-Tushar Sonar, Annamalai University) |
| **Hall A** | 11.00-13.00 | 6 | **Effect of Heat Input on Evolution of Microstructure and Residual Properties of Gas Tungsten Constrained Arc (GTA) Welded Tungsten Carbide and Steel**  
(Paper-ICT117, Presenter-Bipin Kumar Srivastava, Indian Railways Welding Research Institute) |
| **Hall B** | 11.00-13.00 | 1 | **Overview of Challenges in fabrication of Heavy Static Equipment**  
(Paper-ICT127, Presenter-Bipin Kumar Srivastava, Indian Railways Welding Research Institute) |
| **Hall B** | 11.00-13.00 | 2 | **Welding of large Sodium containing Sodium Test Vessels for Sodium Technology generation from hot sodium in a nuclear reactor**  
(Paper-ICT107, Presenter-M. Krishnamoorthy, IGCAR) |
| **Hall B** | 11.00-13.00 | 3 | **MANUFACTURING EXPERIENCE OF LARGE SIZE SODIUM TEST VESSELS FOR SODIUM TECHNOLOGY generation from hot sodium in a nuclear reactor**  
(Paper-ICT076, Presenter-R. Desingu, IGCAR) |
| **Hall B** | 11.00-13.00 | 4 | **MANUFACTURING EXPERIENCE OF LARGE SIZE SODIUM TEST VESSELS FOR SODIUM TECHNOLOGY generation from hot sodium in a nuclear reactor**  
(Paper-ICT076, Presenter-R. Desingu, IGCAR) |
| **Hall B** | 11.00-13.00 | 5 | **MANUFACTURING EXPERIENCE OF LARGE SIZE SODIUM TEST VESSELS FOR SODIUM TECHNOLOGY generation from hot sodium in a nuclear reactor**  
(Paper-ICT076, Presenter-R. Desingu, IGCAR) |
| **Hall B** | 11.00-13.00 | 6 | **MANUFACTURING EXPERIENCE OF LARGE SIZE SODIUM TEST VESSELS FOR SODIUM TECHNOLOGY generation from hot sodium in a nuclear reactor**  
(Paper-ICT076, Presenter-R. Desingu, IGCAR) |
| **Hall D** | 11.00-13.00 | 1 | **Power Beam** |
| **Hall D** | 11.00-13.00 | 2 | **Fabrication of welded structure/process improvements**  
(Paper-ICT041, Presenter-Sandeep Kumar, Bahrain Petroleum Company BSC.) |
| **Hall D** | 11.00-13.00 | 3 | **Qualification of welds for high speed rotating part of nuclear component**  
(Paper-ICT008, Presenter-S. S. Inamdar, MITRE/ATMOS) |
| **Hall D** | 11.00-13.00 | 4 | **Effect of nitrogen content on microstructure and mechanical properties of E316-15 weld metal**  
(Paper-ICT100, Presenter-Nehem Tudu, NIT Jamshedpur) |
| **Hall D** | 11.00-13.00 | 5 | **Effect of post weld heat treatment on mechanical properties of E316-15 weld metal**  
(Paper-ICT100, Presenter-Nehem Tudu, NIT Jamshedpur) |
| **Hall D** | 11.00-13.00 | 6 | **Effect of weld metal composition and post weld heat treatment on microstructure and mechanical properties of E316-15 weld metal**  
(Paper-ICT100, Presenter-Nehem Tudu, NIT Jamshedpur) |
SESSION 4 - Hall B

1) Experimental study of stainless steel weld porosity and cracks by EBS testing
(Paper ICT045, Presenter-Rohit Ravindranath, PV Ramana Engg College, Madurai)

2) Influence of process rework during development of design in type 2205 duplex welds under controlled and non controlled thermal conditions
(Paper ICT046, Presenter - S. Suraj Kumar, ANAR)

3) Methodology to parameterize HSLA and Amalcor Battling the HSLA methodology in steel industry
(Paper ICT047, Presenter - S. Santhosh, KSRAM Mini Industries, Bangalore)

4) Talk by Prof. Badheka - IIW Activities
(Paper ICT048, Presenter - N. Nilakantha, VSSUT, Burla, Odisha)

5) HOT IMPACT TOUGHNESS BEHAVIOR OF GAS TUNGSTEN ARC WELDING BETWEEN DISSIMILAR ALLOY JOINTS
(Paper ICT175, Presenter - Hrushikesh Sangamnerkar, L&T Heavy Engg. Vadodara)

SESSION 5 - Hall C

1) Development of basic coated HP40Nb electrode suitable for heat and corrosion resistant type 2205 stainless steel welds
(Paper ICT050, Presenter - Mr. Soumak Bose, Kalyani Govt. Engineering College, Kalyani)

2) Creep deformation behavior of EB welded Ferritic Austenitic dissimilar joint
(Paper ICT109, Presenter - T. Suresh Kumar, ICGAR)

3) Investigation of laser welding procedures for two-welded zone application
(Paper ICT051, Presenter - Mr. Soumak Bose, Kalyani Govt. Engineering College, Kalyani)

4) DISSIMILAR METAL FRICTION WELDS OF PURE ALUMINIUM AND PURE COPPER - INFLUENCE OF JOINT DESIGN
(Paper ICT112, Presenter - Prince Joseph, ICGAR)

5) Effect of Lasertig Welding Process Parameters on Embrittlement Behaviour of Mg on Ti and Mg on Alclad Zircaloy 4 Tube
(Paper ICT113, Presenter - P. Prabhu Mathur, ICGAR)

SESSION 6 - Hall D

1) Robotic Welding and Overlay of Nozzles with Automated Motion Path Planning
(Paper ICT061, Presenter - Arun Kumar Paul, Electronics Devices Worldwide Pvt Ltd)

2) Microstructure Evolution and Mechanical Properties of Pulsed Soft Plasma Arc Welded Ti6Al4V Magnesium-Chloride Solution
(Paper ICT125, Presenter - C. Mukundhan, Annamalai University)

3) Investigation of laser welding processes for two-wheeler frame application
(Paper ICT176, Presenter - P.H. Prasanth, Annamalai University)

4) DISSIMILAR METAL FRICTION WELDS OF PURE ALUMINIUM AND PURE COPPER - INFLUENCE OF JOINT DESIGN
(Paper ICT112, Presenter - Prince Joseph, ICGAR)

5) Effect of Laser Melting Process Parameters on Embrittlement Behaviour of Mg on Ti and Mg on Alclad Zircaloy 4 Tube
(Paper ICT113, Presenter - P. Prabhu Mathur, ICGAR)

SESSION 7 - Hall A

1) A Methodology to Parameterize Wire + Arc Additive Manufacturing
(Paper ICT025, Presenter - Janardhan Rao, John Deere India Pvt. Ltd.)

2) SUPERAUSTENITIC STAINLESS STEEL - ALLOY 28 WELD OVERLAY
(Paper ICT112, Presenter - Prince Joseph, ICGAR)

3) Evaluation of Austenitic stainless steel weld overlay deposited by high speed ESW process
(Paper ICT073, Presenter - Mr. Navtesh Bajpai, ICGAR)

4) Tensile and fatigue behaviour of dissimilar weld joint of XM-19 and 316LN stainless steels made by NG-TIG welding process
(Paper ICT116, Presenter - P. Vasantharaja, ICGAR)

5) Influence of δ-ferrite in the development of damage in type 316 LN SS weld joint under isothermal and cyclic loading conditions
(Paper ICT115, Presenter - J. Vanajaa, ICGAR)

SESSION 8 - Hall A

1) Development of basic coated HP40Nb electrode suitable for heat and corrosion resistant type 2205 stainless steel welds
(Paper ICT050, Presenter - Mr. Soumak Bose, Kalyani Govt. Engineering College, Kalyani)

2) Creep deformation behavior of EB welded Ferritic Austenitic dissimilar joint
(Paper ICT109, Presenter - T. Suresh Kumar, ICGAR)

3) Investigation of laser welding procedures for two-welded zone application
(Paper ICT051, Presenter - Mr. Soumak Bose, Kalyani Govt. Engineering College, Kalyani)

4) DISSIMILAR METAL FRICTION WELDS OF PURE ALUMINIUM AND PURE COPPER - INFLUENCE OF JOINT DESIGN
(Paper ICT112, Presenter - Prince Joseph, ICGAR)

5) Effect of Lasertig Welding Process Parameters on Embrittlement Behaviour of Mg on Ti and Mg on Alclad Zircaloy 4 Tube
(Paper ICT113, Presenter - P. Prabhu Mathur, ICGAR)

SESSION 9 - Hall D

1) Robotic Welding and Overlay of Nozzles with Automated Motion Path Planning
(Paper ICT061, Presenter - Arun Kumar Paul, Electronics Devices Worldwide Pvt Ltd)

2) Microstructure Evolution and Mechanical Properties of Pulsed Soft Plasma Arc Welded Ti6Al4V Magnesium-Chloride Solution
(Paper ICT125, Presenter - C. Mukundhan, Annamalai University)

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(Paper ICT113, Presenter - P. Prabhu Mathur, ICGAR)