



Day – 3: November 28, 2015 Parallel technical sessions

Session 5E : Advances in NDE-Sensors and Automation

Room No : MRG0.6

Session Chair : Dr BPC Rao, IGCAR

Paper No:	Title of Talk	Authors	Institution	Time
243-I	NDE Sensors: Advances, Challenges & Solutions	Shyamsunder Mandayam	GE	1130-1200
39-C	Indigenously Developed Fully Automated Tomography Gamma Scanner For Assay Of Drummed Nuclear Material	R. Ramar, G.V. Kishore, Makrand B Rajhans, S. Murugan, R. Baskaran, B. Venkatraman, SAV SatyaMurty	IGCAR	1200-1215
29-C	Automatic Inspection System for Pellets of Fast Breeder Reactor	Smt. S.V. Shrikhande, P. Rajasekhar, R.K. Mittal, S.D. Raut, R.M. Suresh Babu Dr. K.B. Khan	BARC	1215-1230
98-C	Automated Ultrasonic Testing of Plates in line for Longitudinal Submerged Arc Welded Pipes	Mr. Rajul R. Parikh Ashok J. Trivedi	EEC	1230-1245
219-C	Remotely operated vehicle (ROV) for inspection of underwater pipelines using bulk and guided ultrasonic waves	Tanuj Jhunjunwala ^{1,2} Prabhu Rajagopal ²	IITM	1245-1300
218-C	Biologically inspired autonomous underwater vehicle (AUV) for structural inspection and survey in coastal regions	Santhosh Ravichandran Prabhu Rajagopal	IITM	1300-1315
220-C	MIKE: A remotely operated vehicle (ROV) for visual inspection of underwater structures	Tanuj Jhunjunwala ^{1,2} , Vineet Upadhyay ^{1,2} , Rakesh Sirikonda ^{1,2} , Krishnan Balasubramaniam ² Prabhu Rajagopal ²	IITM	1315-1330