



Day – 2: November 27, 2015 Parallel technical sessions

Session 2D : NDE for Microstructural Characterization I
Room No : MRG0.5
Session Chair : Dr. Viplava Kumar, Dean, MGIT

Paper No:	Title of Talk	Authors	Institution	Time
254-I	Non-linear ultrasonic for damage assessment of in-service components: An approach at CSIR-National Metallurgical Laboratory	Sarmishtha Palit Sagar	NML-J	1130-1200
148-C	Application of electrical conductivity as an NDE tool for microstructural evolution during cold rolling and thermal ageing	Dr. K.V.Rajkumar	IGCAR	1200-1215
167-C	Detection Of Sensitisation In Austenitic Stainless Steels Through Lock In Thermography	M.Menaka, D.Sharath and B.Venkatraman	IGCAR	1215-1230
160-C	Ultrasonic Backscattered Inspection Technique to Monitor Progressive Creep Damage in an Aero-engine Component	Phani Mylavarapu ¹ , C.M.Omprakash ² , D.V.V.Satyanarayana ² ,	DRDO/DMRL	1230-1245
2-C	Assessment Of Localized Plastic Damage During Fatigue By Non-Collinear Nonlinear Ultrasonic Technique	Muhammed Thanseer P ² , Avijit Kr. Metya ² , J Hemalatha ¹ , S Palit Sagar ²	NML	1245-1300
7-C	Monitoring of creep damage progression in power plant materials using second harmonic of ultrasonic signal	Minati Kumari Sahu	NML	1300-1315
74-C	Study of influence of grain size variation in ultrasonic non-linear measurements	Saju T Abraham, S. Shivaprasad, N. Sreevidhya, Shaju K Albert, Krishnan Balasubramaniam, B. Anandapadmanaban, B. Venkatraman	IGCAR	1315-1330