CT2004	SCHEDULE	Pioneer Batch Centre, VH
Feb 13		
0930 hrs	Inaugural address: Point-Cloud Modelling S G Dhande IIT Kanpur	
1015 hrs	Development of Computer Aided Tomography systems in DRDL S Vathsal Defence Research and Development Laboratory	
1100 hrs	TEA	
1130 hrs	Process Tomography: Development and Application of Non- intrusive Measuring Techniques for Multiphase Flows M Behling, D Mewes University of Hannover, Germany	
1215 hrs	Tomography in Fusion P C V S Rao Institute of Plasma Resea	
1300 hrs	LUNCH	
1400 hrs	X-Ray Computed Tomog A K Jena Indira Gandhi Centre for	
1445 hrs		chnology
1530 hrs	TEA	

3D Tomography using Neutrons and X-rays A Sinha, P S Sarkar, B K Godwal

Bhabha Atomic Research Centre

1545 hrs

Feb	1	4
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0930 hrs Electrical tomography for two-phase flows: Seeing without

eyes inside stirred vessels"

R Mann

University of Manchester

1015 hrs Steady-state Multi-phase Flow Measurement Facility at FCRI

M Suresh, R V Rajesh, M Viswanathan, M S Konnur

Fluid Control Research Institute

1130 hrs Impedance Technique for the Measurement of Two Phase

Flow Parameters: Possibilities and Challenges

P K Das, G Das, S Sen, K Biswas

Indian Institute of Technology Kharagpur

1215 hrs Tomographic Reconstructive Techniques for Void-fraction

distribution in Heavy Density Liquid Metal Two-phase Flows

P Satyamurthy, N S Dixit, P Munshi*

Bhabha Atomic Research Centre

*Indian Institute of Technology, Kanpur

1300 hrs LUNCH

1400 hrs Digital Radiography: Imaging and Visualization for Industrial

Applications

D Mishra, V Manoharan, N Gopalika, S George & G Mohr*

John F. Welch Technology Center, Bangalore

*GE Inspection Technologies

1445 hrs Poster Session

1530 hrs TEA

1545 hrs Challenges in quantitative ultrasound bone strength

assessment: status and perspectives

P. Laugier

Laboratoire d'Imagerie Paramétrique, Paris, France

1630 hrs Bone Imaging Using Compound Ultrasonic Tomography.

P. Lasaygues¹, P. Laugier²

¹Laboratoire de Mécanique et d'Acoustique, Marseille, France

²Laboratoire d'Imagerie Paramétrique, Paris, France

Feb 15

0900 hrs Ultrasonic Assessment of the Effect of Variations of Different

Process Parameters in Blowing of Industrial Rubbers

D Datta

Bengal Engineering College

0940 hrs Algorithms

P M V Subbarao

IIT Delhi

1020 hrs Convection in Differentially Heated Air-Water Layers and Its

Reconstruction using Radial Tomography in A Circular Cavity

S Punjabi

Ujjain Engineering College

1120 hrs Computerized Tomography in Blast Furnace

S K Mandal

National Metallurgical Laboratory

1200 hrs Design of an AC Based Capacitance Transducer for Electrical

Capacitance Tomography

R Sudha¹, K R Prabhu², P S Kannan² and S C Babu³

¹SASTRA University, Tanjore

²Thiagarajar College of Engineering, Madurai ³Regional College of Engineering, Trichy

1220 hrs MRI

R K Nayak, S V Kulkarani Tata Memorial Hospital

1240 hrs 3D Measurements Of Objects Using Stand Still

Photogrammetry S Dubey, T Thakkar

Institute for Plasma Research

1300 hrs LUNCH

1400 hrs Student presentations

1500 hrs Closure

1530 hrs TEA