

Workshop on Application of Dual Beam Scanning Electron Microscope and Environmental Scanning Electron Microscope (8-9 October, 2009)

Registration: 8-30 AM

Course Content

Day 1

Thursday 8 October

Room: LH 2

9.30-9:45 Inaugural Address: Prof. A.K. Raychaudhuri, Director,
S. N. Bose National Centre For Basic Sciences, Kolkata.

9:45 –10:15 High Tea

Technical Session: I

10:15 – 11:15 Basics of Focus Ion Beam Techniques: Lecture 1
Prof. Philip D Prewett, University of Birmingham, UK.

11:15 –12:15 : Applications of Dual Beam SEM Techniques: Lecture 1
Dr. Oliver Wilhelmi, FEI, Netherland.

12:15 –1:00 :Imaging and Analysis of bio & other materials by ESEM: Lecture 1
Prof. M.L. Sharma, Icon Analytical Pvt. Ltd.

1:00 – 2:00 Lunch

Laboratory Session:-I (Participants will be divided into two groups: Group A & Group B)

2:00 – 4:00 Applications of Dual Beam SEM: Group A
Applications of Environmental SEM: Group B

4:00-4:15 Tea/Coffee

4:15-6:15 Applications of Dual Beam SEM: Group B
Applications of Environmental SEM: Group A

7:30-9:00 Dinner at 'Paschima', Swabhumi Heritage Park.

Day 2

Friday 9 October

Technical Session: II

8:30-9:30 Breakfast at 'The Stadel'

**9:30– 10:30 Basics of Focus Ion Beam Techniques: Lecture 2
Prof. Philip D Prewett , University of Birmingham, UK.**

**10:30 –11:15 : Applications of Dual Beam SEM Techniques: Lecture 2
Dr. Oliver Wilhelmi, FEI, Netherland.**

11:15-11:30 Tea/Coffee

**11:30 –12:15 : Applications of Dual Beam SEM Techniques: Lecture 2 continued...
Dr. Oliver Wilhelmi, FEI, Netherland**

**12:15 –1:00 :Imaging and Analysis of bio & other materials by ESEM: Lecture 2
Prof. M.L. Sharma, Icon Analytical Pvt. Ltd.**

1:00 – 2:00 Lunch

Laboratory Session:-II

**2:00 – 4:00 Applications of Dual Beam SEM: Group A
Applications of Environmental SEM: Group B**

4:00-4:15 Tea/Coffee

**4:15-6:15 Applications of Dual Beam SEM: Group B
Applications of Environmental SEM: Group A**