

WORKSHOP: INTRODUCTION TO TOMOGRAPHY TECHNIQUE IN TEM

OCTOBER 6

Joxe Mari Korta building, Donostia

- 10:00 - 10:30** Reception and delivery of documentation
- 10:30 - 10:45** Welcome and presentation of the workshop
- 10:45 - 11:15** Applications of tomography in materials' science.
Dr. Ana Belen Hungría, UCA
- 11:15 - 11:45** Preparation of samples for tomography: cryo-ultramicrotomy.
Dr. Urko García, Polymer Characterization Service, University of the Basque Country
- 11:45-12:15** Coffee break
- 12:15 –13:15** Introduction to tomography with IMOD.
Dr. Ana Okariz, University of the Basque Country
- 13:15-14:30** Lunch

OCTOBER 7

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- 9:30 – 10:15** Applications of tomography in biological sciences
Dra. Bibiana Peralta, Structural Biology Unit, Cic Biogune
- 10:15 – 11:00** Acquisition of images for tomography with SerialEM.
M. Sc. David Gil, Electron Microscopy Platform, CIC Biogune
- 11:00 – 11:30** Coffee break

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- 11:30– 12:15** Digital image processing for a better quality in reconstruction.
M. Sc. Juan López de Uralde, s3Lab, Fundación Deusto
- 12:15- 13:00** How to achieve a top-quality tomography with IMOD and other tomography packages.
Dr. Zineb Saghi, Department of Materials Science and Metallurgy, University of Cambridge
- 13:00-14:30** Lunch
- 14:30-17:00** Forum: solutions to the troubles aroused with our samples

