

Time-Table Requirnte AFM Workshop 2017

All Lectures in FCUP Library, Maths Dept., room 0.37, Ground Floor

Scanning Classes: Chemistry Dept, room -2.06, level -2

Data Class: Room 0.37

All Information subject to
change

	Monday 10th April	Tuesday 11th April	Wednesday 12th April	Thursday 13th April
9:00 - 10:00				
10:00 - 10:45	Welcome and Introduction	Sample Preparation	AFM Artifacts and Problems	AFM Applications in Materials
10:45 - 11:00	Coffee Break	Coffee Break	Coffee Break	Coffee Break
11:00 - 12:00	AFM Instrumentation	Dr. Bart Hoogenboom, UCL, London: "Drilling holes: Visualising pore forming proteins in action"	Dr. Filomena Carvalho, IMM, Lisbon: "Force Spectroscopy: Biological and Biomedical Applications"	Data Processing for AFM
12:00 - 14:00	Lunch	Lunch	Lunch	Lunch
14:00 - 15:00	AFM Modes	Sample Scanning Practical Class - Group A - 2pm - 6pm	Sample Scanning Practical Class - Group B - 2pm - 6pm	Data Analysis Class 2pm - 5pm
15:00 - 16:00				
16:00 - 16:15	Coffee Break			
16:15 - 17:15	AFM Operation			
17:15 - 18:00				

Optional Meal: 19:00 - meet at Faculty
Entrance.

Course Meal, 19:30, at Taylors Wine
Lodge, Vila Nova de Gaia. Meet at
Faculty - 19:00, for transport by coach
to restaurant.