

## Time-Table Requirnte AFM Workshop 2016

All Lectures in Maths Dept., FCUP Library, room 037, Ground Floor

Scanning Classes: Chemistry  
DeptRoom -206, level -2

Data Class: Location TBA

All Information subject to  
change

	Monday 18th April	Tuesday 19th April	Wednesday 20th April	Thursday 21st April
9:00 - 10:00	Welcome and Introduction		Sample Scanning Practical Class - <b>Group A</b> - 9am - 1pm	Data Analysis Class
10:00 - 10:45	Dr. Simon Connell, University of Leeds, UK: "Dynamics in Biological AFM"	AFM Artifacts and Problems		
10:45 - 11:00	Coffee Break	Coffee Break		
11:00 - 12:00	AFM Instrumentation	Rogério Colaço; Instituto Superior, Técino, Lisbon: "Advanced Modes in AFM for Materials"		
12:00 - 14:00	Lunch		Lunch	Dr. Filomena Carvalho, IMM, Lisbon: "Force Spectroscopy: Biological and Biomedical Applications"
14:00 - 15:00	AFM Operation	Data Processing for AFM	Sample Scanning Practical Class - <b>Group B</b> - 2pm - 6pm	
15:00 - 16:00	AFM Modes Part 1	Sample Preparation		
16:00 - 16:15	Coffee Break			
16:15 - 17:15	AFM Modes Part 2	Applications of AFM		
17:15 - 18:00				

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

Course Meal, and Visit to Port Wine  
Lodge; 19:30, Taylors Wine Lodge,  
Vila Nova de Gaia. Meet at Faculty -  
19:00.