

ATOMIC FORCE MICROSCOPY (AFM) (Multimode 8 ScanAsyt) BOOKING FORM

General Rules and Requirement:

1. Booking procedure
 - a. Complete the application form including valid research grant number
 - b. Submit the completed application form (HARDCOPY) to the technical personnel in-charge **BEFORE** analysis
 - c. **MAXIMUM NUMBER OF SAMPLES : 3 SAMPLES PER BOOKING**
2. Sample Condition & Preparation
 - a. Sample preparation must be done by the applicant
 - b. Monash has the right to cancel any analysis if the sample is suspected to have high risk on the safety of the operator or can cause damage to the instrument during the analysis
 - c. All inquiries regarding AFM should be forwarded to Mr Azarudin Ahmad via email azarudin.ahmad@monash.edu or Ext: 03-5514 5649

1. USER'S INFORMATION			
Name of User			
Status of User	Internal	Undergraduate	Master / PhD
	External	Government	Private
Student ID No. (if applicable)		School / Faculty/ Discipline/ Department/ Organization	
Hand Phone No.		Email	
Booking Date:		Time:	Signature:
2. SUPERVISOR'S DETAILS (if applicable)			
Name of Supervisor /PI		Staff ID No.	
School / Faculty/ Discipline/ Department/ Organization		Email	
External grant scheme		Account Code	
<p>I hereby declare that all information provided is true and authorize payment for services to be performed</p> <p>SUPERVISOR / PI SIGNATURE</p> <p>_____</p>			
3. TYPE OF ANALYSIS (please put number of sample in the box per booking date)			
Standard surface topography and roughness	Tapping mode		
	ScanAsyst mode		
Advance Mode	a. Mechanical properties		Quantitative NanoMechanical (QNM) Property
			Nanoindentation
	b. Electrical & Magnetic Properties		Kelvin Probe Force Microscopy (KPFM)
			Conductive Atomic Force Microscopy (CAFM)
			Piezoresponse Force Microscopy (PFM)
			Electrostatic Force Microscopy (EFM)
			Magnetic Force Microscopy (MFM)
	Scanning Capacitance Microscopy (SCM)		
c. High temperature (250°C)			
4. ADMINISTRATION USE ONLY			
Received Date		Staff Name	
Comments (if any)		Signature	