Rev. 1 /0 /201

Materials Characterization Facility Scanning Probe Microscopy lab rules

Manager: Marco Salerno <u>marco.salerno@iit.it</u>, Ext. 444, 756

- All the tools on the working benches and inside the drawers and toolboxes are necessary for sample preparation and instrument operation; they cannot be removed from the laboratory.
- The working benches can be used only for sample preparation in dry conditions; no solvents are allowed in the laboratory, except minor quantities of water and ethanol. For more complex sample preparation requiring large use ethanol or other solvents, a small hood is available in the next 'support' room.
- The instruments are sensitive to vibrations: avoid any unnecessary noise.
- WATER LEAK: if you notice water on the floor leave the laboratory immediately and alert the Lab manager by phone if possible, and additionally by mail, with cc to luca.ceseracciu@iit.it and lea.pasquale@iit.it
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- OXYG#N SENSOR: in case of beeping sensor, leave the Lab immediately and alert the Lab
 # manager by phone if possible, and additionally by mail, with cc to luca.ceseracciu@iit.it and
 # lea.pasquale@iit.it
- In case of out-of-hours access, a second person must be in the building within reach and the
 lab door must be kept open.
 When using the AFM instruments, fill in the instrument logbook with as many useful
 information as possible; at least the following should be written: user, date, sample, session
 goal, consumables used, instrument condition (either 'ok', or, in case of issue, describe it).
- •#For all instruments, report immediately any critical malfunction to the lab manager via email.
- •#Do not install new programs without permission. Save your data files only to your personal folder e.g. for the Park AFM: D:\spmdata\Yourname\.
- Make the copy of your data BEFORE LEAVING the work session, i.e. spend the last 5 min of your session for this task: you shouldn't come again to copy them at later time, disturbing another user during his/her session.
- For most instruments, the only allowed means to make a copy of your files is transferring them to the shared public folder: \\iit.local\public\Nanobiotech\MCF, for those instruments with PC not connected to the iit domain (ie JPK AFM and AMBIOS profilometer) one can insert an USB memory stick.

I have read and understood the contents of this documen	t:
(signature:)	