



Beyondnano Proposal Title: ""

Primary researcher:

Project financier group or leader:

1) Scientific motivation for your project: ...

2) Describe your experimental plan (including sample preparation, planned microscopy techniques & analysis): ..

3) Prior work specific to this PROJECT AND NEED for BEYONDNANO's unique or advanced facilities: ..

4) Microscopy experience of primary researcher: ..

Specimen type:

Dry wet back-able 250C on-grid FIB

Beam Energy (keV):

200 100 80 60 40

If you are applying for a collaborative project, please report a Beyondnano scientific advisor :

Best Regards

Procedures for preparing samples

Samples which can be heated up

1) 3 hour bake at 250 degrees provided (on a clean glass slide or tin foil sheet clean), to then be loaded on the sample holder on which the analysis and will leave the evening before the pumping station of the plasma cleaner.

Samples which can not be heated up

1) do 3 hours of oven bake at 250 °C (on a clean glass slide or tin foil sheet clean), to then be loaded on the sample holder on which you will perform the analysis and leave the evening before in the plasma cleaner's pumping station.

Samples which can not be heated up

2) all of the samples which can not be annealed must be left for 5 days to de-gassed under vacuum. At the moment we will dedicate a sample holder (single tilt) for this purpose to leave pumping station for 5 days, waiting to buy a bell to be used for this purpose.

Samples that can not be heated up on grids

3) after degassing the blank grid as in point 1) (no need degasing overnight) go to step 2)

Please always fill out this form, We would like to remain track of all the samples that pass by ARM.