David Cockayne Centre for Electron Microscopy

Facility for TEM, SEM & FIB

e: emaccess@materials.ox.ac.uk
w: www.em.materials.ox.ac.uk
- The David Cockayne Centre for Electron Microscopy supports characterisation via SEM, TEM, FIB and related techniques within the Department of Materials.

- All instruments are setup as SRF’s and may be accessed via researchers within Oxford and other HE / research institutions. Industrial access proceeds via the ‘Oxford Materials Characterisation Service’ within the Department.

http://www-em.materials.ox.ac.uk
**Access for PtII Research Projects:**

- Many PtII projects will be using EM instrumentation during the year. For some EM will be a major component of the project, others less so.

- Generally students will be supported by members of their research group who are already experienced in EM.

- Each EM theme has a support scientist who will oversee the sign-off of PtII’s on instruments, and add any additional training required, beyond what the research groups will support.

- The facility maintains a suite of EM, FIB and related instrumentation at the main Parks Road site (Holder Building). There are also some SEM facilities at Begbroke.

- All of you will have seen some of these instruments during your practical classes and also the characterisation module.
Some People You will Encounter:

Jennifer Holter  
Research Support Scientist (SEM)  
jennifer.holter@materials.ox.ac.uk

Gareth Hughes  
Research Support Scientist (FIB)  
gareth.hughes@materials.ox.ac.uk

Neil Young  
Facility Manager / TEM Support  
neil.young@materials.ox.ac.uk

Ian Griffiths  
STEM / sample prep Support Scientist  
ian.griffiths@materials.ox.ac.uk

+ EM technical staff, Graham Wyatt and Greg Cook

http://www-em.materials.ox.ac.uk
Contact:

For general queries regarding EM training and research support, contact any one of the three EM support scientists, or emaccess@materials.ox.ac.uk

If you have a technical problem or microscope fault, contact em-faults@maillist.ox.ac.uk

PtII’s using EM as recorded on Supervisors ‘SF1 form:

<table>
<thead>
<tr>
<th>Freddie Follows</th>
<th>Rob Scales</th>
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<tbody>
<tr>
<td>Justin Fung</td>
<td>Isabel Slattery</td>
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<tr>
<td>Morris Ma</td>
<td>Jeremy Steed</td>
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<td>Dylan Murray</td>
<td>Brad Young</td>
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<td>Johann Perera</td>
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<td>Matthew Riding</td>
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Tanguy Feraud
Owen Kosman
Brooke Lear
Poppy Miller
Milo Shen
Techin Tungcharernpaisarn

Tara Milne
Cai Richards
Luke Malone
Luca Ameri
Max Bennett
Initial Induction meeting:
With Ian & Jennifer

Monday 23rd September, meet outside DCCEM labs

Group 1:  2:00 pm
Group 2:  2:30 pm

To cover:  Access to DCCEM, Health and Safety, Sample preparation, arrangements for training, instrument booking system.