

Draft CCMM Group Meeting Minutes
Meeting held: 12.45-13.45 Monday 20 April 2026 GS2

Present: A Perkins, Lu Zhang, Mike Moore, Ruth Cameron, Melike Temizturk, Dan Bax, Nemo Wang, Serena Best, Kerem Citak, Ana Duarte, Tom Sweeney, Jiaer Chen, Aditya Nandakumar

Apologies: Ben Steel, Lillian Zhang, Cindy Wai, Sumedh Kampli

There was a talk from Jiaer Chen entitled:

“Geometric optimisation of 3D printed polypropylene auxetic meshes for straining applications in collagen scaffolds”

Health, Safety and Welfare: there were no issues to report.

Risk Assessment and COSHH Forms: Please remember to keep your safety documents up to date.

Lab matters: Freeze driers: Elton can continue to be used but please note the square area marked out on the shelf. Be sure to place your sample in that area only and avoid the hatched areas marked in black Sharpie. This specific area was tested and found to give reliable temperature.

CCMM has applied to Royce for another freeze drier. There was a query from Royce who considered the Lyophiliser (in the Battery suite) was also a freeze drier. DVB clarified with Manish and Alexandra that though it has similar drier features it lacks the essential aspect of ability to control freezing. The Lyophiliser is unsuitable for making collagen scaffolds.

DVB reported that the Luminex is booked for its annual service on 22/04/2026. Please note that the engineer will need the whole of the lab space around the Luminex so the Vibratom cannot be used during that service appointment.

Favimat: the Favimat in the Macromolecular Materials Lab which we use is out of service. The part been sent away for repair. Action: MM to update next meeting.

Lab clean: Good turn-out at the Lab clean on 10 April – thank you to all for this. Next Lab Clean is May 8th Group 2

Conferences: Several of the group have submitted applications to the Armourers & Brasiers’ travel fund. Now we await news of whether all our Abstracts to ESB2026 got accepted.

AOB: This year’s Armourers & Brasiers’ Forum is on Tuesday 16 June taking place at the new Ray Dolby Centre. All CCMM members are invited to attend. It is a very interesting day with a wide range of speakers in the Materials Science (and is free). There will be a call out for posters also.
<https://www.msm.cam.ac.uk/forum>

Graduate student meeting (organised by REMW) is on 29 June. The first year PhDs must submit a poster and 2nd year PhDs give a talk. If you are preparing a poster for this you might consider getting it ready early and offering it to the posters at A&B Forum as well.

2 MPhil student will be joining the group from 5 May. Maya and Zakkai are taking the Nanotech Enterprise MPhil.

Date of next meeting: Monday 27 April 2026 (no talk)