

Report on CH-2271:

Our previous application for beamtime for this experiment (CH-2403) received the following decision:

"Time-resolved diffuse x-ray scattering studies of a photosynthetic reaction centre and bacterial rhodopsins. 9 shifts were allocated to CH-2271 last round. The committee needs to see a report before allocating further beamtime.-505: ID09B September 1st to 4th 2006 Local contact: Dr. Qingyu KONG"

In fact the beamtime allocated to September 1st to 4th was for MX-530; Laue diffraction on reaction centre crystals. That was a successful experiment and a report has been submitted.

Two attempts were made to allocate CH-2271. The first suggestion from Dr. Michael Wulff was also for September 2006. Due to the very large challenges posed by this experiment in terms of preparation (the need for several tens of mg of purified membrane protein) the short notice for this experiment and difficulties in communicating over summer when people were away from my laboratory & the ESRF, it was simply insufficient time to prepare sample and the date could not be accepted.

Dr. Michael Wulff then did his best to respect a request that the experiment be rescheduled later in the year or early 2007, but technical failures and the need to repair several challenging problems made this impossible. Simply too much beamtime was lost in the second half of 2007 due to technical reasons for Dr. Wulff to be able to schedule all users, and unfortunately this was one of the experiments to miss out.

As such there is nothing to report.