

Two-day Workshop – CICADA/Mathematics and Neuroscience

Monday 6 & Tuesday 7 September 2010
Dalton Ellis Hall

As a follow up to the successful CICADA/FLS "Open problems in neuroscience" workshop that took place in November 2009 (see:

www.cicada.manchester.ac.uk/events/workshops/neuroflyerv2.pdf) we are planning to hold a two-day CICADA/Mathematics and Neuroscience Workshop at Dalton Ellis Hall on Monday 6 September and Tuesday 7 September 2010.

The idea is to hold a study group which will consider problems brought by the neuroscientists. We would like colleagues from Mathematics, CICADA affiliates and the Faculty of Life Sciences to spend two days (with dinner and an overnight stay) working on four problems raised by the neuroscientists. (A small group of us will work in advance with the neuroscientists to sort out 4 good problems: problems which, on the one hand, are not too woolly and, on the other, have the potential to lead somewhere significant.) The outcome of this meeting will be: a report on progress on each problem; the basic ground-work for proposals for research council funding (say) to further this work; perhaps some "quick wins" made during the workshop; and hopefully a lot of bonding leading to longer term collaborations between us.

The following is a rough plan of the event:

Day 1

9:30 arrival & coffee

10:00 introduction

10:20 problem talk 1 (each talk will be 30mins + 10mins

for questions)

11:00 problem talk 2

11:40 problem talk 3

12:20 problem talk 4

13:00 lunch

14:00 a summary of the problems by a non-FLS person, leading

into...

14:30 general discussion

15:00 break-out groups:

2 groups use main hall, 2 other rooms required.

18:00 break

19:00 dinner with report back from each break-out group

Day 2

9:30 break-out groups

11:00 coffee

11:30 break-out groups

13:00 lunch

14:00 summary & wrap-up

15:50 end of event

If you are interested in attending this event, please let Helen Harper (Helen.Harper@manchester.ac.uk) know by **Wednesday 14 July 2010** at the latest. We would like to encourage people to stay for dinner and also to stay overnight, as this will enable more time to be devoted to the problems. However, if you would like to come but do not wish to stay overnight, then please indicate this in your reply. In addition, please let Helen know if you have any dietary or other requirements.

The event is **FREE**. Accommodation, dinner, lunches, breakfast and coffee breaks are being paid for by CICADA/MIMS and FLS.