

EMBO COURSE ON TRANSIENT KINETICS

PROGRAMME

7th-13th September 2008 in Canterbury

Sunday 7th September

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| 17:00-18:00 | REGISTRATION |
| 18:00-19:00 | BUFFET – Howard Rogers Room |
| 19:00-21:00 | Welcome. Introduction to the course including 5 min. presentation by participants |

Monday 8th September

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| | BLT1 | |
| 09:00 | Introduction to Transient Kinetics | R.S. Goody |
| 09:40 | Introduction to Stopped Flow | M.A. Geeves |
| 10:20 | Introduction to Quench Flow | C. Lionne |
| 11:00 | COFFEE – Howard Rogers Room | |
| 11:20 | Introduction to Data Analysis | J. Reinstein |
| 12:00 | Meeting with Practical tutors | |
| 12:30 | LUNCH – Rutherford College | |
| 13:15-15:00 | Practical 1 (see schedule) | |
| 15:30 | COFFEE – Howard Rogers Room | |
| 15:50 | Practical 2 (see schedule) | |
| 18:00 | Group Tutorial – BLT1 | |
| 19:30 | DINNER | |

Tuesday 9th September**BLT1**

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| 09:00 | Stopped Flow – Examples | R.S. Goody |
| 09:40 | Data Analysis/Modelling | J. Reinstein |
| 10:20 | Quench Flow – examples | C. Lionne |
| 11:00 | COFFEE – Howard Rogers Room | |
| 11:20 | Optics for rapid-reaction equipment | C. Bagshaw |
| 12:30 | LUNCH – Rutherford College | |
| 13:15 | Practical 1 (see schedule) | |
| 15:30 | COFFEE – Howard Rogers Room | |
| 15:50 | Practical 2 (see schedule) | |
| 18:00 | Group Tutorial – BLT1 | |
| 19:30 | DINNER | |

Wednesday 10th September**BLT1**

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| 09:00 | Probing the kinetics interactions of macromolecular interactions by solid phase detection techniques. | J. Piehler |
| 09:40 | Flash photolysis | I. Chizhov |
| 10:20 | Relaxation methods – Theoretical background | D. Pörschke |
| 11:00 | COFFEE – Howard Rogers Room | |
| 11:20 | Single molecule kinetics | C. Bagshaw |
| 12:00 | Meeting with Tutors | |
| 12:30 | LUNCH – Rutherford College | |
| 13:15-18:00 | Students own studies, pressure jump and flash photolysis | |
| 15:30 | COFFEE – Howard Rogers Room | |
| 18:00 | Group Tutorial – BLT1 | |
| 19:30 | DINNER | |

**Thursday 11th
September (a.m.)**

BLT1

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|-------|---|--------------|
| 09:00 | Relaxation methods – examples | D. Pörschke |
| 09:40 | Kinetics and fluorescence polarisation | J. Eccleston |
| 10:20 | Dynamics of type I interferon receptor assembly: biophysical analysis and functional implications | J. Piehler |
| 11:00 | COFFEE – Howard Rogers Room | |
| 11:20 | Pressure Jump | M. Geeves |
| 12:30 | LUNCH – Rutherford College | |

**Thursday 11th
September (p.m.)**

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|-------------|------------------------------------|--|
| 13:15-18:00 | Students own studies | |
| 15:30 | COFFEE – Howard Rogers Room | |
| 18:00 | Group Tutorial | |

Friday 12th September

To be arranged from the following

Morning

1. Students complete their own studies and prepare materials for final presentation
2. Practical demonstrations on systems not used during the week

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| 11:00 | COFFEE – Howard Rogers Room | |
| 12:30 | LUNCH – Rutherford College | |

Afternoon

BLT1

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| 13:30-17:30 | Feed back session | |
| | 15 min. presentations by students of work during the week | |
| 15:15 | COFFEE – Howard Rogers Room | |
| 19:00 | CONFERENCE DINNER | |

**Saturday 13th
September**

Departure