

# Basic Technology Attosecond Project Schedule for Mid Term Review

## Thursday 6 April 2006

11:00–12:00 Meeting of PIs  
Optics Reading Room, Level 6 Blackett

12:00–13:30 Lunch (PIs, reviewers, mentor, RCUK rep)  
170 Queen's Gate

### Open Session: Talks by PIs, Room 630, Level 6 Blackett

13:35 –13:45 John Tisch (Imperial College)  
*Welcome & Project Overview*

### New Science on the Attosecond Timescale

13:45 –14:05 Jon Marangos (Imperial College)  
*Imaging molecular structure and dynamic with attosecond resolution*

14:05 –14:25 Richard Palmer (Birmingham)  
*VUV and ultrafast dynamics at surfaces*

14:25 –14:45 Leszek Frasinski (Reading)  
*Surprising results in tunnel ionisation of molecules*

14:45 –15:05 Helen Fielding (UCL)  
*Towards organic photochemistry on an attosecond timescale*

15:05 –15:20 Coffee Break

### New Tools for Attosecond Measurements

15:20 –15:40 John Tisch  
*Attosecond Light Source*

15:40 –16:00 Ian Ross (RAL)  
*Advanced Femtosecond Drive Lasers for Attosecond Light Source*

16:00 –16:20 Ian Walmsley (Oxford)  
*New developments in attosecond metrology, and development of high-power subfemtosecond sources.*

16:20 –16:30 John Tisch  
*Concluding Remarks*

16:30 Close

## Friday 7 April 2006

9:30 –10:30 Closed Session: *Project Connectivity & Management* (JT, JM, RP)  
Optics Reading Room Level 6 Blackett

10:30 –12:00 Laboratory Tours & Student/Post-Doc Posters  
Atto Lab, Level 0 Huxley (H007)

12:00 –12:45 Buffet Lunch (reviewers, mentor, RCUK rep, JT, JM, RP)  
Optics Reading Room Level 6 Blackett

12:45 –13:45 Closed Session: *Q & A* (JT, JM, RP)  
Optics Reading Room Level 6 Blackett

13:45 Close