

# LASERS for SCIENCE FACILITY LOAN POOL SCHEDULE PERIOD II 2006

| Date   | NSL1                                                                                         |                                                                                     | NSL2                                                                                                 |                                                                                             | NSL3                                          | NSL4                            | NSL5                              | UFL1                                                                                                      | UFL2                                                                                                                                                                                    | CWL1                                                                                       | Date                                                                                                                                                          |                                                                                                     |        |        |  |  |        |  |  |        |  |  |
|--------|----------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|-----------------------------------------------|---------------------------------|-----------------------------------|-----------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|--------|--------|--|--|--------|--|--|--------|--|--|
|        | YAG/Dye Powerlite + Sirah + SHG + DFG                                                        |                                                                                     | Compact YAG/Dye Surelite III-10 + Sirah + SHG                                                        |                                                                                             | Compact YAG/Dye Surelite III-10 + Sirah + SHG | YAG/Dye Powerlite + Sirah + SHG | YAG/Dye Spectra Pro + Sirah + SHG | Coherent Verdi/Mira + SHG +THG                                                                            | Coherent Libra OPerA Ultrafast Amp + OPA                                                                                                                                                | Frequency Doubled Argon Ion                                                                |                                                                                                                                                               |                                                                                                     |        |        |  |  |        |  |  |        |  |  |
| Sep 25 |                                                                                              |                                                                                     |                                                                                                      |                                                                                             |                                               |                                 |                                   |                                                                                                           |                                                                                                                                                                                         | TO SCHEDULE                                                                                | Sep 25                                                                                                                                                        |                                                                                                     |        |        |  |  |        |  |  |        |  |  |
| Oct 02 | I WALMSLEY (Oxford)<br>Attosecond pulse generation via stimulated Raman scattering LP24P2/06 | W BROWN (UCL)<br>Vibrationally promoted re-arrangements on metal surfaces LP26C2/06 |                                                                                                      |                                                                                             |                                               |                                 |                                   |                                                                                                           |                                                                                                                                                                                         |                                                                                            |                                                                                                                                                               |                                                                                                     | Oct 02 |        |  |  |        |  |  |        |  |  |
| Oct 09 |                                                                                              |                                                                                     |                                                                                                      |                                                                                             |                                               |                                 |                                   |                                                                                                           |                                                                                                                                                                                         |                                                                                            |                                                                                                                                                               |                                                                                                     | Oct 09 |        |  |  |        |  |  |        |  |  |
| Oct 16 |                                                                                              |                                                                                     |                                                                                                      |                                                                                             |                                               |                                 |                                   |                                                                                                           |                                                                                                                                                                                         |                                                                                            |                                                                                                                                                               |                                                                                                     | Oct 16 |        |  |  |        |  |  |        |  |  |
| Oct 23 |                                                                                              |                                                                                     |                                                                                                      |                                                                                             |                                               |                                 |                                   |                                                                                                           |                                                                                                                                                                                         |                                                                                            |                                                                                                                                                               |                                                                                                     | Oct 23 |        |  |  |        |  |  |        |  |  |
| Oct 30 |                                                                                              |                                                                                     |                                                                                                      |                                                                                             |                                               |                                 |                                   |                                                                                                           |                                                                                                                                                                                         |                                                                                            |                                                                                                                                                               |                                                                                                     | Oct 30 |        |  |  |        |  |  |        |  |  |
| Nov 6  |                                                                                              |                                                                                     |                                                                                                      |                                                                                             |                                               |                                 |                                   |                                                                                                           |                                                                                                                                                                                         |                                                                                            |                                                                                                                                                               |                                                                                                     | Nov 6  |        |  |  |        |  |  |        |  |  |
| Nov 13 |                                                                                              |                                                                                     |                                                                                                      |                                                                                             |                                               |                                 |                                   |                                                                                                           |                                                                                                                                                                                         |                                                                                            |                                                                                                                                                               |                                                                                                     | Nov 13 |        |  |  |        |  |  |        |  |  |
| Nov 20 |                                                                                              |                                                                                     |                                                                                                      |                                                                                             |                                               |                                 |                                   |                                                                                                           |                                                                                                                                                                                         |                                                                                            |                                                                                                                                                               |                                                                                                     | Nov 20 |        |  |  |        |  |  |        |  |  |
| Nov 27 |                                                                                              |                                                                                     |                                                                                                      |                                                                                             |                                               |                                 |                                   |                                                                                                           |                                                                                                                                                                                         |                                                                                            |                                                                                                                                                               |                                                                                                     | Nov 27 |        |  |  |        |  |  |        |  |  |
| Dec 04 |                                                                                              |                                                                                     |                                                                                                      |                                                                                             |                                               |                                 |                                   |                                                                                                           |                                                                                                                                                                                         |                                                                                            |                                                                                                                                                               |                                                                                                     | Dec 04 |        |  |  |        |  |  |        |  |  |
| Dec 11 |                                                                                              |                                                                                     | C EVANS (Leicester)<br>Spectroscopy of silicon containing species of interstellar interest LP22C2/06 | L SNOEK (Oxford)<br>Conformation of glycoprotein building blocks – Growing larger LP23C2/06 |                                               |                                 |                                   | A HUDSON (Bristol)<br>Inter-molecular dynamics of excited biological molecules in the gas phase LP20C2/06 | M HIPPLER (Sheffield)<br>Stimulated Raman photoacoustic spectroscopy of CH4 and thermodynamic analysis, modelling and compact representation of temperature-dependent spectra LP19C2/06 | J WEINSTEIN (Sheffield)<br>Nanosecond time domain for photochemical applications LP18C2/06 | V STAVROS (Warwick)<br>Ultrafast dynamics of the N-H bond and its significance towards the photoresistive mechanism of nucleic bases and base-pairs LP21C2/06 | J WU (York)<br>Laser-induced ultrafast spin dynamics in patterned magnetic nanostructures LP25P2/06 |        | Dec 11 |  |  |        |  |  |        |  |  |
| Dec 18 |                                                                                              |                                                                                     |                                                                                                      |                                                                                             |                                               |                                 |                                   |                                                                                                           |                                                                                                                                                                                         |                                                                                            |                                                                                                                                                               |                                                                                                     |        | Dec 18 |  |  |        |  |  |        |  |  |
| Dec 25 |                                                                                              |                                                                                     |                                                                                                      |                                                                                             |                                               |                                 |                                   |                                                                                                           |                                                                                                                                                                                         |                                                                                            |                                                                                                                                                               |                                                                                                     |        | Dec 25 |  |  |        |  |  |        |  |  |
| Jan 01 |                                                                                              |                                                                                     |                                                                                                      |                                                                                             |                                               |                                 |                                   |                                                                                                           |                                                                                                                                                                                         |                                                                                            |                                                                                                                                                               |                                                                                                     |        | Jan 01 |  |  |        |  |  |        |  |  |
| Jan 08 |                                                                                              |                                                                                     |                                                                                                      |                                                                                             |                                               |                                 |                                   |                                                                                                           |                                                                                                                                                                                         |                                                                                            |                                                                                                                                                               |                                                                                                     |        | Jan 08 |  |  |        |  |  |        |  |  |
| Jan 15 |                                                                                              |                                                                                     |                                                                                                      |                                                                                             |                                               |                                 |                                   |                                                                                                           |                                                                                                                                                                                         |                                                                                            |                                                                                                                                                               |                                                                                                     |        | Jan 15 |  |  |        |  |  |        |  |  |
| Jan 22 |                                                                                              |                                                                                     |                                                                                                      |                                                                                             |                                               |                                 |                                   |                                                                                                           |                                                                                                                                                                                         |                                                                                            |                                                                                                                                                               |                                                                                                     |        |        |  |  |        |  |  | Jan 22 |  |  |
| Jan 29 |                                                                                              |                                                                                     |                                                                                                      |                                                                                             |                                               |                                 |                                   |                                                                                                           |                                                                                                                                                                                         |                                                                                            |                                                                                                                                                               |                                                                                                     |        |        |  |  |        |  |  | Jan 29 |  |  |
| Feb 05 |                                                                                              |                                                                                     |                                                                                                      |                                                                                             |                                               |                                 |                                   |                                                                                                           |                                                                                                                                                                                         |                                                                                            |                                                                                                                                                               |                                                                                                     |        |        |  |  |        |  |  | Feb 05 |  |  |
| Feb 12 |                                                                                              |                                                                                     |                                                                                                      |                                                                                             |                                               |                                 |                                   |                                                                                                           |                                                                                                                                                                                         |                                                                                            |                                                                                                                                                               |                                                                                                     |        |        |  |  |        |  |  | Feb 12 |  |  |
| Feb 19 |                                                                                              |                                                                                     |                                                                                                      |                                                                                             |                                               |                                 |                                   |                                                                                                           |                                                                                                                                                                                         |                                                                                            |                                                                                                                                                               |                                                                                                     |        |        |  |  |        |  |  | Feb 19 |  |  |
| Feb 26 |                                                                                              |                                                                                     |                                                                                                      |                                                                                             |                                               |                                 |                                   |                                                                                                           |                                                                                                                                                                                         |                                                                                            |                                                                                                                                                               |                                                                                                     |        |        |  |  |        |  |  | Feb 26 |  |  |
| Mar 05 |                                                                                              |                                                                                     |                                                                                                      |                                                                                             |                                               |                                 |                                   |                                                                                                           |                                                                                                                                                                                         |                                                                                            |                                                                                                                                                               |                                                                                                     |        |        |  |  |        |  |  | Mar 05 |  |  |
| Mar12  |                                                                                              |                                                                                     |                                                                                                      |                                                                                             |                                               |                                 |                                   |                                                                                                           |                                                                                                                                                                                         |                                                                                            |                                                                                                                                                               |                                                                                                     |        |        |  |  |        |  |  | Mar12  |  |  |
| Mar 19 |                                                                                              |                                                                                     |                                                                                                      |                                                                                             |                                               |                                 |                                   |                                                                                                           |                                                                                                                                                                                         |                                                                                            |                                                                                                                                                               |                                                                                                     |        |        |  |  | Mar 19 |  |  |        |  |  |

Deadline for Period I 2007 (for scheduling 26<sup>th</sup> March 2007 to 24<sup>th</sup> September 2007) is 3<sup>rd</sup> December 2006