

## NATURAL SCIENCES TRIPOS, PART IB (continued)

MICHAELMAS 2008

LENT 2009

EASTER 2009

## PHYSICS A

Departmental Contact: Dr R. Padman (email: IB-physics-A@phy.cam.ac.uk)

Course Website: www.phy.cam.ac.uk/teaching/

Lectures are given in the *Cockcroft Lecture Theatre, New Museums Site*, M. W. F. at 12.

DR N. C. GREENHAM

Oscillations, Waves and Optics. M. F.

PROF. C. A. HANIFF

Experimental Methods. W.

**Laboratory Work**

DR R. D. E. SAUNDERS

Systems and Measurement.

DR V. GIBSON

Quantum Physics.

PROF. C. A. HANIFF

Waves and Optics.

DR J. ELLIS

Condensed Matter Physics. (First ten lectures)

**Laboratory Work** takes place at the *Cavendish Laboratory (West Cambridge)*. The experimental laboratories are open M. 2–5.45, Tu. 10–5.45, Th. 10–5.45 and F. 2–5.45. Students will be allocated periods within these times. Students taking both Part IB Physics A and Part IB Physics B should register at 2.00 p.m. on W. 8 Oct. at the *Cavendish Laboratory*. Students taking Part IB Physics A and *not* IB Physics B, must register between 2.00 p.m. and 4.00 p.m. on Tu. 7 Oct., when they will be allocated practical sessions that fit with their other IB subjects. **Laboratory work is continuously assessed.**

## PHYSICS B

Departmental Contact: Dr R. Padman (email: IB-physics-B@phy.cam.ac.uk)

Course Website: www.phy.cam.ac.uk/teaching/

Lectures are given in the *Cockcroft Lecture Theatre, New Museums Site*, unless otherwise stated.

PROF. S. WITHINGTON

Electromagnetism. (Twenty lectures) M. W. F. 9 (First four weeks), then M. W. 9

PROF. D. J. C. MACKAY

Introduction to Computing. F. 9. (Last four weeks)  
Classes to be confirmed

For those not taking NST Part IB Mathematics:

DR D. A. GREEN

Mathematical Methods. M. F. 11 *Room B, Arts School, Bene't Street***Laboratory Work**

DR R. D. E. SAUNDERS AND OTHERS

Systems and Measurement.

PROF. D. J. C. MACKAY

The same continued. (16, 23 Jan.)  
Classes to be confirmed

PROF. S. F. GULL

Classical Dynamics and Fluids. (Twenty lectures) M. W. F. 9 (except 16, 23 Jan.)

PROF. D. R. WARD

Thermodynamics. (Two lectures) M. W. 9 (9 and 11 Mar.)

PROF. C. A. HANIFF AND OTHERS

Waves and Optics.

PROF. M. A. PARKER AND OTHERS

Great Experiments. Tu. Th. 9

PROF. D. R. WARD

The same continued. (First ten lectures) M. W. F. 9

**Laboratory Work** takes place at the *Cavendish Laboratory (West Cambridge)*. The experimental laboratories are open M. 2–5.45, Tu. 10–5.45, Th. 10–5.45 and F. 2–5.45. Students will be allocated periods within these times. Students taking both Part IB Physics A and Part IB Physics B should register at 2.00 p.m. on W. 8 Oct. at the *Cavendish Laboratory*. Students taking Part IB Physics B and *not* IB Physics A, must register between 2.00 p.m. and 4.00 p.m. on Tu. 7 Oct., when they will be allocated practical sessions that fit with their other IB subjects. **Laboratory work is continuously assessed.**