

M. PHILS. (one-year courses), DIPLOMAS AND SPECIAL COURSES

MICHAELMAS 2006

LENT 2007

EASTER 2007

DEPARTMENT OF PHYSICS

Lectures take place in the *Sackler Lecture Theatre, Institute of Astronomy*, and in the *Ryle Seminar Room, Rutherford Building, Cavendish Laboratory*.

A detailed timetable will be announced at the first lecture of each term

Cavendish Astrophysics Group and the Institute of Astronomy

DR D. F. BUSCHER, DR P. C. V. HEWETT AND OTHERS
See <http://www.mrao.cam.ac.uk/lectures.html> for a detailed timetable.

The same continued.

The same continued.

Regular Seminars
Principal Seminars

Cavendish Physical Society. W. 4.15 (Four seminars, 11, 25 Oct., 8, 22 Nov.)

The same continued. (Four seminars, 24 Jan., 7, 21 Feb., 7 Mar.)

The same continued. (Two seminars, 2, 16 May)

Mott Colloquium. W. 4.15 (Four seminars, 18 Oct., 1, 15, 30 Nov.)

The same continued. (Four seminars, 31 Jan., 14, 28 Feb., 14 Mar.)

The same continued. (Two seminars, 9, 23 May)

Research Group Seminars

PROF. Y. LIANG AND OTHERS

Quantum Matter. W. 11.15

The same continued.

The same continued.

PROF. A. N. LASENBY AND OTHERS

Astrophysics. Tu. 4.30

The same continued.

The same continued.

PROF. J. CARTER AND OTHERS

High Energy Physics. Tu. 3

The same continued.

The same continued.

PROF. M. PEPPER AND OTHERS

Semiconductor Physics. M. 2.15

The same continued.

The same continued.

DR J. ELLIS AND OTHERS

PCS (Materials). Th. 4.30

The same continued.

The same continued.

PROF. A. M. DONALD AND OTHERS

Biological and Soft Systems. F. 2.15

The same continued.

The same continued.

PROF. R. H. FRIEND AND OTHERS

Optoelectronics. Tu. 2.15

The same continued.

The same continued.

PROF. M. C. PAYNE AND OTHERS

Theory of Condensed Matter. Th. 2.15

The same continued.

The same continued.

PROF. H. SIRRINGHAUS AND OTHERS

Microelectronics. F. 11

The same continued.

The same continued.

Courses recommended for Research Students in Solid State Physics

Lectures are given either in the *TCM Seminar Room (TCM)*, *Mott Building* or the *Mott Seminar Room (M)*, *Mott Building*, unless otherwise stated

STAFF OF THE MOTT BUILDING

Solid State Physics. M. W. F. 9 (*M*)

The same continued. (*M*)

PROF. A. M. DONALD AND OTHERS

Principles of Electron Microscopy and Diffraction.

Tu. Th. 12 (*M*) (additional practicals at times to be arranged)

The same continued. (*M*)

PROF. D. E. KHMELNITSKII AND OTHERS

Fairy Tales in Physics. F. 10.30 (*TCM*)

The same continued. (*TCM*)

DR P. D. HAYNES

Solid State Theory. M. 10 (*TCM*)

PROF. D. E. KHMELNITSKII

Physical Kinetics (Twelve lectures). Tu. Th. 10 (*TCM*)

DR J. KEELING

Light Matter Interaction and Quantum Optics. (Six lectures) M. W. 10 (*TCM*)

DR T. DUKE

Biophysics. (Two lectures) M. 10 (*TCM*)

DR J. ADAMS

Non-equilibrium Physics. (Four lectures) M. W. 10 (*TCM*)

PROF. D. E. KHMELNITSKII

Many-body Physics in Low Dimensions. (Twelve lectures) Tu. Th. 10 (*TCM*)

Courses recommended for Research Students in Astrophysics

See Graduate lectures in Astronomy and Astrophysics (p. 217)

Courses recommended for Research Students in High Energy Physics

PROF. J. CARTER AND OTHERS

Selected Topics in Elementary Particle Physics.

Tu. Th. 9.30 *HEP Seminar Room*

The same continued.

The same continued.