

## Lecture List

## Part IA - Physics

Introductory Talk at 11:00 on Wednesday 8th October 2014  
Pippard Lecture Theatre, Cavendish Laboratory, Department of Physics.

### *MICHAELMAS TERM 2014*

Monday			Tuesday			Wednesday			Thursday			Friday		
0900	Dr J M Riley (12 lectures) Dr J Biggins (12 lectures)	BMS  BMS				Dr J M Riley (12 lectures) Dr J Biggins (12 lectures)	BMS  BMS				Dr J M Riley (12 lectures) Dr J Biggins (12 lectures)	BMS  BMS		

### *LENT TERM 2014*

Monday			Tuesday			Wednesday			Thursday			Friday		
0900	Prof A M Donald (12 lectures) Prof S Gull (12 lectures)	BMS  BMS				Prof A M Donald (12 lectures) Prof S Gull (12 lectures)	BMS  BMS				Prof A M Donald (12 lectures) Prof S Gull (12 lectures)	BMS  BMS		

### *EASTER TERM 2014*

Monday			Tuesday			Wednesday			Thursday			Friday		
0900	Prof M C Payne (12 lectures)	BMS				Prof M C Payne (12 lectures)	BMS				Prof M C Payne (12 lectures)	BMS		

BMS Bristol Myers-Squibb, Lensfield Road

All enquiries: Helen Marshall ([hm328@cam.ac.uk](mailto:hm328@cam.ac.uk))

Last updated: 19/01/2015

**MICHAELMAS TERM 2014**

<i>Lecturer</i>	<i>Subject</i>	<i>Times</i>
Dr J M Riley	Dynamics	M.W.F. 0900
Dr J Biggins	Oscillating Systems	M.W.F. 0900      begins 7 Nov. 14

**LENT TERM 2015**

<i>Lecturer</i>	<i>Subject</i>	<i>Times</i>
Prof A M Donald	Waves & Quantum Waves	M.W.F. 0900
Prof S Gull	Rotational Mechanics & Special Relativity	M.W.F. 0900      begins 13 Feb. 15

**EASTER TERM 2015**

<i>Lecturer</i>	<i>Subject</i>	<i>Times</i>
Prof M C Payne	Gravitational & Electromagnetic Fields	M.W.F. 0900

## Lecture List

MICHAELMAS TERM 2014

Part IB – Physics A and B

Introductory Talk and Registration for Laboratory Work at 14:00 on Wednesday 8<sup>th</sup> October 2014  
(Students taking IB Physics A and *not* IB Physics B ***must register*** 14:00-16:00 on Tuesday 7th October 2014)  
at The Cavendish Laboratory.

	Monday	Tuesday	Wednesday	Thursday	Friday
0900 (B)	Prof C J B Ford Dr D A Green	Co	Prof C J B Ford Dr D A Green	Co	Prof C J B Ford Dr D A Green
1000 (B)			Dr C G Lester (First two weeks)	BMS	
1100 (A & B)	Prof C A Haniff * see below	B			Prof C A Haniff * see below
1200 (A)	Prof C A Haniff Dr J S Richer	Co	Prof C A Haniff Dr J S Richer	Co	Prof C A Haniff Dr J S Richer

B Hopkinson Room, Phoenix Building

Co Cockcroft Lecture Theatre (New Museums Site)

BMS Bristol Myers-Squibb, Lensfield Road

Lecturer	Subject	Times	Course
Prof C A Haniff	Experimental Methods	M.W.F. 1200 (8 lectures)	A
Dr J S Richer	Oscillations, Waves and Optics	M.W.F. 1200 (starting 29 Oct. 14)	A
Dr C G Lester	Introduction to Computing	W. 1000 15 & 22 Oct.	B
Prof C J B Ford	Electromagnetism	M.W.F. 0900 (20 lectures)	B
Dr D A Green	Classical Dynamics	M.W.F. 0900 (starting 26 Nov. 14) (4 lectures)	B
Prof C A Haniff	Mathematical Methods * For those <i>NOT</i> taking NST IB Mathematics	M.F. 1100	A & B

All enquiries: Helen Marshall (hm328@cam.ac.uk)

Last updated: 19/01/2015

## Lecture List

LENT 2015

Part IB – Physics A and B

	Monday	Tuesday	Wednesday	Thursday	Friday
0900 (B)	Dr D A Green Co Dr J Ellis		Dr D A Green Co Dr J Ellis		Dr D A Green Co Dr J Ellis
1000 (A & B)	Dr J S Richer <i>et al</i> MLR3				
1200 (A)	Prof S Withington Co		Prof S Withington Co		Prof S Withington Co

Co Cockcroft Lecture Theatre (New Museums Site)    MLR Mill Lane Lecture Room

Lecturer	Subject	Times	Course
Dr D A Green	Classical Dynamics	M.W.F.0900 (starting 16 Jan. 15) (16 lectures)	B
Dr J Ellis	Thermodynamics	M.W.F. 0900 (starting 23 Feb. 15) (8 lectures)	B
Dr J S Richer <i>et al</i>	Great Experiments	M. 1000	A & B
Prof S Withington	Quantum Physics	M.W.F.1200	A

# Lecture List

**EASTER 2015**

**Part IB – Physics A and B**

**Monday**

**Tuesday**

**Wednesday**

**Thursday**

**Friday**

0900 (B)	Dr J Ellis	Co			Dr J Ellis	Co			Dr J Ellis	Co
1200 (A)	Prof R H Friend	Co			Prof R H Friend	Co			Prof R H Friend	Co

Co Cockcroft Lecture Theatre (New Museums Site)

<i>Lecturer</i>	<i>Subject</i>	<i>Times</i>	<i>Course</i>
Dr J Ellis	Thermodynamics	M.W.F. 0900 (1 <sup>st</sup> 8)	B
Prof R H Friend	Condensed Matter Physics	M.W.F.1200 (1 <sup>st</sup> 10) (no lecture 13 May 15)	A

Course Meeting at 09:30 on Wednesday 8th October 2014  
Pippard Lecture Theatre, Cavendish Laboratory, Department of Physics.

	Monday		Tuesday		Wednesday		Thursday		Friday	
1000	Prof H Siringhaus	P	Dr W A Allison	P	Prof H Siringhaus	P	Dr W A Allison (First two weeks)	P	Dr W A Allison	P
1100	Dr J R Batley	P			Dr J R Batley	P			Dr J R Batley	P
1200	Prof M P Hobson	P			Prof M P Hobson	P			Prof M P Hobson	P
1400	Dr C Castelnovo	P	Dr J Biggins	P	Dr C Castelnovo	P				

P Pippard Lecture Theatre

<i>Lecturer</i>	<i>Subject</i>	<i>Times</i>
Dr W A Allison	Thermal & Statistical Physics	Th. 1000 (1 <sup>st</sup> 2 weeks) Tu. F. 1000 (18)
Dr J R Batley	Advanced Quantum Physics	M.W.F.1100 (24)
Prof H Siringhaus	Optics and Electrodynamics	M.W.1000 (16)
Prof M P Hobson	Relativity	M.W.F.1200 (24)
Dr C Castelnovo	Theoretical Physics – TP1	M.W. 1400 (16) begins 13 Oct. 14
Dr J Biggins	Theoretical Physics – TP1 - Classes	T.1400-1600 (4 classes) starting 21 Oct. 14 alternate weeks

## Lecture List

LENT TERM 2015

Part II - Physics

Monday			Tuesday		Wednesday		Thursday		Friday	
0900	Prof D R Ward	P	Prof E Terentjev	P	Prof D R Ward	P	Prof E Terentjev	P		
1000			Prof R Needs	P			Prof R Needs	P		
1030	Dr S Sijacki	Sa			Dr S Sijacki	Sa			Dr S Sijacki	Sa
1100			Dr D F Buscher	P			Dr D F Buscher	P		
			Prof M P Hobson	P			Prof M P Hobson	P		
1130	Prof C J Clarke et al	Sa			Prof C J Clarke et al	Sa			Prof C J Clarke et al	Sa
1200			Dr A Lamacraft	P			Dr A Lamacraft	P		
1400			Prof M C Payne	P						

P Pippard Lecture Theatre  
 Sa Sackler Lecture Theatre, IoA

Lecturer	Subject	Times
Dr S Sijacki	Astrophysical Fluids	M.W.F.1030 (22)
Prof C J Clarke et al	Physics of Astrophysics	M.W.F.1130 (24)
Prof D R Ward	Particle and Nuclear Physics	M.W.0900 (16)
Dr D F Buscher	Computational Physics	T.Th.1100 (8)
Prof M P Hobson	Concepts in Physics	T.Th.1100 (8) begins 12 Feb. 15
Prof E Terentjev	Soft Condensed Matter	Tu.Th.0900 (16)
Prof R Needs	Quantum Condensed Matter Physics	Tu.Th.1000 (16)
Dr A Lamacraft	Theoretical Physics TP2	Tu.Th.1200 (16) begins 15 Jan. 15
Prof M C Payne	Theoretical Physics TP2	Tu.1400-1600 (4 classes) Starting 27 Jan 15 alternate weeks

All enquiries: Helen Marshall (hm328@cam.ac.uk)

Last updated: 19/01/2015

*Part II Lectures*

Monday			Tuesday			Wednesday			Thursday			Friday		
0900	Prof D R Ward	P	Prof E Terentjev	P	Prof D R Ward	P	Prof E Terentjev	P	Prof D R Ward	P	Prof D R Ward	P		
1000	Prof E Terentjev	P	Prof R Needs	P	Prof R Needs	P			Prof R Needs	P				

P Pippard Lecture Theatre

<i>Lecturer</i>	<i>Subject</i>	<i>Times</i>
Prof E Terentjev	Soft Condensed Matter	M.1000 Tu.Th.0900 (1 <sup>st</sup> 6)
Prof D R Ward	Particle and Nuclear Physics	M.W.F.0900 (1 <sup>st</sup> 6)
Prof R Needs	Quantum Condensed Matter Physics	Tu.W.F.1000 (1 <sup>st</sup> 6)

Course Meeting at 12:30 on Wednesday 8th October 2014  
Small Lecture Theatre, Cavendish Laboratory, Department of Physics.

Monday			Tuesday			Wednesday			Thursday			Friday		
0900	Prof K F Priestley, Dr J Rudge & Dr D Al-Attar	S				Prof K F Priestley, Dr J Rudge & Dr D Al-Attar	S				Prof K F Priestley, Dr J Rudge & Dr D Al-Attar	S		
1000	Prof A C Fabian & Prof A N Lasenby	S				Prof A C Fabian & Prof A N Lasenby	S				Prof A C Fabian & Prof A N Lasenby	S		
1100	Dr C G Lester	S	Prof C Barnes	S	Dr C G Lester (not 1 <sup>st</sup> 2 weeks)	S	Prof C Barnes	S	Dr C G Lester	S				
1210	Dr U Keyser & Prof R Goldstein	S			Dr U Keyser & Prof R Goldstein	S					Dr U Keyser & Prof R Goldstein	S		
1400	Prof Z Hadzibabic	S	Prof B D Simons	S	Prof Z Hadzibabic	S	Prof B D Simons	S						
1500											Dr C G Lester (1 <sup>st</sup> 2 weeks)	S		
1600					Prof A Parker	P								

P Pippard Lecture Theatre

S Small Lecture Theatre

Lecturer	Subject	Times
Prof C Barnes	Advanced Quantum Condensed Matter Physics	Tu.Th.1100-1230
Prof Z Hadzibabic	Atomic & Optical Physics	M.W. 1400-1530
Dr C G Lester	Particle Physics	M.1100, F.1100 & 1500 1 <sup>st</sup> 2 weeks then M.W.F. 1100
Prof K F Priestley <i>et al</i>	Physics of Earth as a Planet	M.W.F.0900
Prof B D Simons	Quantum Condensed Matter Field Theory	Tu.Th. 1400-1530
Prof A C Fabian & Prof A N Lasenby	Relativistic Astrophysics & Cosmology	M.W.F.1000
Dr U Keyser & Prof R Goldstein	Soft Matter	M.W.F.1210
Prof A Parker	Cavendish Physical Society Seminars	W.1600 Alternate weeks beginning 15 Oct. 14

Part III Mathematics courses:

Monday		Tuesday		Wednesday		Thursday		Friday		Saturday	
0900		Prof M J Perry	CMS			Prof M J Perry	CMS			Prof M J Perry	CMS

CMS MR2 Centre for Mathematical Sciences, Wilberforce Road,

Lecturer	Subject	Times
Prof M J Perry	Quantum Field Theory	Tu.Th.S. 0900

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Last updated: 19/01/2015

## Minor Options (12): Lecture Courses begin Thursday 15<sup>th</sup> January 2015

Monday		Tuesday		Wednesday		Thursday		Friday		
0900			Dr B Gripaios Prof J Pyle, Dr Amanda Maycock <i>et al</i>	S SPI	Dr G T Parks	Eng	Dr B Gripaios Prof J Pyle, Dr Amanda Maycock <i>et al</i>	S SPI		
1000			Prof H Elderfield <i>et al</i> Prof R Maiolino	DES S	Prof D Queloz	S	Prof H Elderfield <i>et al</i> Prof R Maiolino	DES S		
1100	Dr J N Butterfield (4) Dr R C Jennings (4)	M	Dr R D E Saunders	R	Prof G G Lonzarich	M	Dr R D E Saunders	R	Prof G G Lonzarich	M
1200	Dr G T Parks	Eng	Prof N C Greenham (1215)	S	Dr M Atature	M	Prof N C Greenham (1215)	S	Dr M Atature	M
1400	Dr S Bohndiek	S	Prof C H W Barnes	S	Dr S Bohndiek	S	Prof C H W Barnes	S	Prof C J B Ford	S
1500	Prof M A Parker	S	Prof D Queloz	S	Prof M A Parker	S	Prof C J B Ford	S		
1600	Dr S Barakat <i>et al</i>	J	Dr E Nugent	S	Prof M A Parker	P	Dr S Barakat <i>et al</i>	J	Dr E Nugent	S

M Mott Seminar Room (Mott Building Rm 531)

S Small Lecture Theatre

SPI Scott Polar Institute Lecture Theatre

P Pippard Lecture Theatre

DES Harker II Department of Earth Sciences

Eng LT1, Inglis Building, Dept of Engineering

J Judge Business School

R Ryle Seminar Room

## Part III Mathematics courses:

Monday		Tuesday		Wednesday		Thursday		Friday		Saturday	
1000	Dr D B Skinner	CMS			Dr D B Skinner	CMS			Dr D B Skinner	CMS	

CMS Centre for Mathematical Sciences, Wilberforce Road, MR3

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## Physics:

<i>Lecturer</i>	<i>Subject</i>	<i>Times</i>	
Dr E Nugent	Biological Physics	Tu.F.1600	Begins 15 Jan. 15
Dr S Barakat <i>et al</i>	Entrepreneurship	M.Th.1600	Begins 15 Jan. 15
Dr R C Jennings	Ethics of Physics	M.1100 (4 lectures)	Begins 16 Feb. 15
Prof R Maiolino	Formation of Structure in the Universe	Tu.Th.1000 (16 lectures)	Begins 15 Jan. 15
Prof D Queloz	Exoplanets & Planetary Systems	Tu.1500 W.1000	Begins 20 Jan. 15
Dr B Gripcios	Gauge Field Theory	Tu.Th.0900	Begins 15 Jan. 15
Prof J Pyle, Dr Amanda Maycock <i>et al</i> <i>Interdisciplinary</i>	IDP1 Atmospheric Chemistry and Global Change	Tu.Th.0900	Begins 15 Jan. 15
Prof H Elderfield <i>et al</i> <i>Interdisciplinary</i>	IDP2 The Earth System and Climate Change	Tu.Th.1000	Begins 15 Jan. 15
Prof N C Greenham <i>et al</i> <i>Interdisciplinary</i>	IDP3 Materials, Electronics and Renewable Energy	Tu.Th.1215	Begins 15 Jan. 15
Dr S Bohndiek	Medical Physics	M.W.1400	Begins 19 Jan. 15
Dr M Atature	Nonlinear Optics and Quantum States of Light	W.F. 1200	Begins 16 Jan. 15
Dr G T Parks <i>Part IIB Engineering</i>	Nuclear Power Engineering	M.1200 W.0900	Begins 19 Jan. 15
Prof M A Parker	Particle Astrophysics	M.W. 1500 (16 lectures)	Begins 19 Jan. 15
Dr J N Butterfield	Philosophy of Physics	M.1100 (4 lectures)	Begins 19 Jan. 15
Prof C H W Barnes	Quantum Information	Tu. Th.1400	Begins 15 Jan. 15
Prof G G Lonzarich	Superconductivity and Quantum Coherence	W.F.1100	Begins 16 Jan. 15
Dr R D E Saunders	The Frontiers of Observational Astrophysics	Tu. Th.1100	Begins 20 Jan. 15
Prof C J B Ford	The Physics of Nanoelectronic Systems	Th.1500 F.1400	Begins 15 Jan. 15
Prof M A Parker	Cavendish Physical Society Seminars	W.1600 Alternate weeks beginning 21 Jan. 15	

## Mathematics:

<i>Lecturer</i>	<i>Subject</i>	<i>Times</i>	
Dr D B Skinner	Advanced Quantum Field Theory	M.W.F.1000	Begins 16 Jan. 15