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UNIVERSITY OF  
CAMBRIDGE

## NOTICES

## Calendar

9 November, *Friday*. Michaelmas Term divides.  
 20 November, *Tuesday*. Discussion at 2 p.m. in the Senate-House (see below).  
 24 November, *Saturday*. Congregation of the Regent House at 2 p.m.  
 29 November, *Thursday*. End of third quarter of Michaelmas Term.  
 30 November, *Friday*. Full Term ends.

**Discussions at 2 p.m.**

20 November  
 4 December

**Congregations**

24 November, *Saturday at 2 p.m.*

**Notice of a Discussion on Tuesday, 20 November 2012**

The Vice-Chancellor invites those qualified under the regulations for Discussions (*Statutes and Ordinances*, p. 107) to attend a Discussion in the Senate-House, on Tuesday, 20 November 2012, at 2 p.m., for the discussion of:

1. Report of the Review Panel, dated 10 October 2012, to the Council and the General Board of the Review of the University's IT infrastructure and support (*Reporter*, 2012–13, p. 57).
2. Consultation paper on amendments to the Second Joint Report of the Council and the General Board on the pay and grading scheme for non-clinical staff (*Reporter*, 2012–13, p. 83).
3. Report of the General Board, dated 31 October 2012, on the establishment of a Professorship of Experimental Psychology (see p. 116).
4. Report of the General Board, dated 5 November 2012, on the establishment of a Readership in Comparative Oncology and Genetics (see p. 116).

**Notice of a benefaction**

1 November 2012

The Vice-Chancellor gives notice that he has received with gratitude a benefaction of £96,000 from the Women's Foundation, to be used over three years to provide scholarships to students accepted onto the Master of Philosophy degree course in Multi-disciplinary Gender Studies who have graduated (or will have graduated prior to starting the course) from a university in Hong Kong.

**Dates of Congregations for 2012–14: Notice**

5 November 2012

The Vice-Chancellor gives notice, in accordance with Statute A, VIII, 2 and the regulations for General Admission to Degrees, that Congregations will be held on the following days in the academical years 2012–13 and 2013–14.

## CONGREGATIONS OF THE REGENT HOUSE

(on Saturdays unless otherwise stated)

MICHAELMAS TERM 2012	LENT TERM 2013	EASTER TERM 2013	LONG VACATION 2013
<i>Full Term:</i> 2 October – 30 November	<i>Full Term:</i> 15 January – 15 March	<i>Full Term:</i> 23 April – 14 June	
1 October (Monday), <b>9.30 a.m.</b> <sup>1</sup>	19 January, <b>2 p.m.</b>	27 April, <b>11 a.m.</b>	20 July, <b>10 a.m.</b>
20 October, <b>11 a.m.</b>	16 February, <b>2 p.m.</b>	11 May, <b>10 a.m.</b>	
24 November <b>2 p.m.</b>	23 March, <b>10 a.m.</b>	18 June (Tuesday), <i>Honorary Degrees</i> , <b>2.45 p.m.</b>	
		27 June (Thursday), <b>9.30 a.m.</b> <sup>2</sup>	
		28 June (Friday), <b>9.30 a.m.</b> <sup>2</sup>	
		29 June (Saturday), <b>9.30 a.m.</b> <sup>2</sup>	

<sup>1</sup> Vice-Chancellor's Address; election and admission of the Proctors.

<sup>2</sup> General Admission (LL.M., M.Eng., M.Math., M.Sci., Vet.M.B., Mus.B., B.A., and B.Th. Degrees only).

MICHAELMAS TERM 2013	LENT TERM 2014	EASTER TERM 2014	LONG VACATION 2014
<i>Full Term:</i> 8 October – 6 December	<i>Full Term:</i> 14 January – 14 March	<i>Full Term:</i> 22 April – 13 June	
1 October (Tuesday), <b>9.30 a.m.</b> <sup>1</sup>	25 January, <b>2 p.m.</b>	26 April, <b>11 a.m.</b>	19 July, <b>10 a.m.</b>
26 October, <b>11 a.m.</b>	22 February, <b>2 p.m.</b>	17 May, <b>10 a.m.</b>	
30 November, <b>2 p.m.</b>	22 March <sup>3</sup>	25 June (Wednesday) <sup>2, 4</sup>	
	29 March <sup>3</sup>	26 June (Thursday) <sup>2, 4</sup>	
		27 June (Friday) <sup>2, 4</sup>	
		28 June (Saturday) <sup>2, 4</sup>	

<sup>1</sup> Vice-Chancellor's Address; election and admission of the Proctors.

<sup>2</sup> General Admission (LL.M., M.Eng., M.Math., M.Sci., Vet.M.B., Mus.B., B.A., and B.Th. Degrees only).

<sup>3</sup> Times to be announced.

<sup>4</sup> Dates and times to be confirmed. The days of General Admission are set by regulation. It is expected that a Report will be presented to the Council proposing a change to the regulations from three to four days. These Congregations and times will be confirmed if and when approval is given to the Report by the Regent House.

## Centre for Brain Repair: Notice

The Council has approved the naming of the Centre for Brain Repair, within the Department of Clinical Neurosciences, as the 'John van Geest Centre for Brain Repair' to commemorate the generous support provided by the John and Lucille van Geest Foundation, which has given over £12 million to the Centre over the past 20 years.

## VACANCIES, APPOINTMENTS, ETC.

### Vacancies in the University

A full list of current vacancies can be found at <http://www.jobs.cam.ac.uk/>.

**Harold Samuel Professorship of Law and Environmental Policy;** informal enquiries: Professor Phil Allmendinger, Head of the Department of Land Economy (email: [pma32@cam.ac.uk](mailto:pma32@cam.ac.uk), tel.: 01223 337147); closing date: 12 December 2012; further particulars: <http://www.admin.cam.ac.uk/offices/academic/secretary/professorships/>; quote reference: JP22582

**University Lectureship in Bioengineering in the Department of Engineering;** salary: £37,012–£46,846; closing date: 26 November 2012; further particulars: [http://www.eng.cam.ac.uk/admin/jobsinfo/UL\\_BIOENG](http://www.eng.cam.ac.uk/admin/jobsinfo/UL_BIOENG); quote reference: NA22162

**Lectureships in the Faculty of Economics** (two tenure-track Lectureship posts); salary: £37,012–£46,846; closing date: 15 December 2012; further particulars: <http://www.jobs.cam.ac.uk/job/-22542/>; quote reference: JG22542

**Head of Electronics Section (Workshop) in the Department of Physics;** salary: £32,901–£44,166; closing date: 25 November 2012; further particulars: please contact Ms Clare Dickinson (email: [cll30@cam.ac.uk](mailto:cll30@cam.ac.uk), tel.: 01223 765743); quote reference: KA22502

**Executive Director of Development and Alumni Relations in the Development Office;** closing date: 1 January 2013; all enquiries, nominations, and applications should be directed via email to: Laurel Duggan, Associate, email: [CambridgeUKDev@imsearch.com](mailto:CambridgeUKDev@imsearch.com); quote reference: DH22282

*The University values diversity and is committed to equality of opportunity.*

*The University has a responsibility to ensure that all employees are eligible to live and work in the UK.*

## EVENTS, COURSES, ETC.

### Announcement of lectures, seminars, etc.

The University offers a large number of lectures, seminars, and other events, many of which are free of charge, to members of the University and others who are interested. Details can be found on Faculty and Departmental websites, and in the following resources.

The What's On website (<http://www.admin.cam.ac.uk/whatson/>) carries details of exhibitions, music, theatre and film, courses, and workshops, and is searchable by category and date. Both an RSS feed and a subscription email service are available.

Talks.cam (<http://www.talks.cam.ac.uk/>) is a fully searchable talks listing service, and talks can be subscribed to and details downloaded.

<i>African Archaeology Group</i>	John Alexander Seminar Series: <i>Angola, an archaeological surprise box</i> , by Professor Mila Simoes de Abreu and Dr Paulo Valongo, on 13 November 2012	<a href="http://www.mcdonald.cam.ac.uk/events/aag/">http://www.mcdonald.cam.ac.uk/events/aag/</a>
<i>American History</i>	Weekly seminars on Mondays at 5 p.m. in the Latimer Room, Clare College; next seminar: <i>Restless Empire: China and the world since 1750</i> , by Arne Westad, on 12 November 2012	<a href="http://www.hist.cam.ac.uk/seminars/seminars-list/american-history-seminar/">http://www.hist.cam.ac.uk/seminars/seminars-list/american-history-seminar/</a>
<i>Cambridge Central Asia Forum</i>	Friday seminar series, at 4 p.m. in Room 7, Faculty of Asian and Middle Eastern Studies; next seminar: <i>Popular culture in Afghanistan: from militant anthems to lullabies and Sufi chanting</i> , by Dr Raziya Sultanova, on 9 November 2012	<a href="http://www.cambridge-centralasia.org/?p=483">http://www.cambridge-centralasia.org/?p=483</a>
<i>Music</i>	Wort Lecture Series: <i>Gloomy Sundays, wicked games, and broken hearts: the science of sad sounds</i> , by David Huron, on 20 and 22 November 2012, and 29 and 31 January 2013	<a href="http://www.mus.cam.ac.uk/events/general/">http://www.mus.cam.ac.uk/events/general/</a>
<i>Music</i>	Notes Inégales Ensemble, conducted by Peter Wiegold, on 26 November 2012	<a href="http://www.westroad.org/event-info/notes-inegales/">http://www.westroad.org/event-info/notes-inegales/</a>
<i>Music</i>	Robin Orr Lecture: A celebration of the 150th anniversary of Claude Debussy, lecture-recital by Roy Howat, on 28 November 2012	<a href="http://www.mus.cam.ac.uk/events/general/">http://www.mus.cam.ac.uk/events/general/</a>
<i>Music</i>	Piano masterclass, with Roy Howat, on 29 November 2012	<a href="http://www.mus.cam.ac.uk/events/general/">http://www.mus.cam.ac.uk/events/general/</a>
<i>Department of Plant Sciences</i>	Weekly departmental seminars on Thursdays at 1 p.m.; next seminar: <i>The deep evolutionary origins of stomata and stomatal physiology</i> , by David Beerling, on 8 November 2012	<a href="http://www.plantsci.cam.ac.uk/seminars/thursday.html">http://www.plantsci.cam.ac.uk/seminars/thursday.html</a>

## NOTICES BY THE GENERAL BOARD

### Amendment to the composition of the Faculty Board of Architecture and History of Art: Notice

31 October 2012

The General Board give notice that, on the recommendation of the Faculty Board of Architecture and History of Art, they have approved amendments to the Regulations for the Constitution of the Faculty Boards (*Statutes and Ordinances*, p. 589), as set out below.

Following the approval of the changes to the governance arrangements for the Fitzwilliam Museum and Kettle's Yard (*Reporter*, 2011–12, p. 737), the Director of Kettle's Yard, who was previously co-opted to the Board in class (d), is now a member of the Faculty Board in class (e) and therefore an adjustment is being made to the number of members co-opted in class (d).

#### With immediate effect

*Schedule I (The composition of the Faculty Boards)*

By amending the entry for the Faculty Board of Architecture and History of Art so that the number of members in class (d) becomes 1 and the total membership becomes 18.

## NOTICES BY FACULTY BOARDS, ETC.

### Annual Meetings of the Faculty Boards

*Human, Social, and Political Science*

The Chairman of the Faculty Board of Human, Social, and Political Science gives notice that the Annual Meeting of the Faculty will be held at 1.15 p.m. on Thursday, 29 November 2012, in the Seminar Room, Biological Anthropology, Pembroke Street. The main business will be the election of two members of the Faculty Board in class (c), in accordance with Statute C, IV, 2(c). Nominations, signed by the proposer and seconder, for which the consent of the candidate must be obtained, should reach the Secretary of the Faculty Board, Faculty of Human, Social, and Political Science, Free School Lane, not later than Monday, 19 November 2012. Notice of any other business should reach the Secretary by the same date.

*Music*

The Chairman of the Faculty Board of Music gives notice that the Annual Meeting of the Faculty will be held at 2 p.m. on Thursday, 22 November 2012 in Lecture Room 5 of the Faculty of Music. Among the business to be transacted will be the election, in accordance with Statute C, IV, 2(c), of two members of the Faculty Board to serve for four years from 1 January 2013.

Nominations for the election and notice of any other business should reach the Secretary of the Faculty Board, Mrs S. C. Round (email: scr25@cam.ac.uk, or Faculty of Music, 11 West Road) not later than Thursday, 15 November 2012.

**Mathematical Tripos, Part III, 2013: Notice by Examiners**

In accordance with Regulations 18 and 19 for the Mathematical Tripos (*Statutes and Ordinances*, p. 373), the Examiners give notice that a candidate may submit an essay on any one of the following topics:

1. Birkar Birational geometry and Néron models in arithmetic
2. Birkar Aspects of birational geometry in positive characteristic
3. Brookes Weyl algebras
4. Brookes Simple modular Lie algebras
5. Brookes Lie methods in group theory
6. Fisher The Grunwald-Wang theorem
7. Fisher Isogeny volcanoes
8. Forster Permutation models for set theory
9. Goedecke Factorization systems
10. Gowers Barriers in computational complexity
11. Green Sieving
12. Green Gromov's theorem on groups of polynomial growth
13. Grojnowski Cochains
14. Grojnowski D-modules, representation theory, Hodge theory
15. Grojnowski Derived category, t-structures, stability conditions
16. Johnstone Categories of relations
17. Johnstone Locally presentable and accessible categories
18. Körner Carleson's theorem for Walsh Fourier series
19. Körner Shannon Whittaker reconstruction from irregular sampling
20. Körner Hilbert's thirteenth problem
21. Kovalev Stable differential forms
22. Kovalev K3 surfaces
23. Martin Polynomial invariants of finite groups
24. Martin Representations of quantum groups
25. Martin Quivers and representations of algebras
26. Randal-Williams Complex cobordism and formal group laws
27. Rasmussen Sutured manifolds and the Thurston norm
28. Rasmussen Khovanov stable homotopy
29. Ross Multiplier ideals in algebraic and analytic geometry
30. Scholl Galois representations associated to elliptic curves
31. Scholl  $p$ -adic  $L$ -functions
32. Smith Mirror symmetry for the elliptic curve
33. Smith Topology of random real hypersurfaces
34. Thomason Non-Ramsey graphs
35. Wadsley Primitive ideals in enveloping algebras
36. Wilson Complex moduli spaces for Calabi-Yau manifolds
37. Yoshida Automorphic forms and representations on  $GL(n)$
38. Altham Analysis of a large and complex data set
39. Berestycki The Gaussian free field
40. Berestycki Coalescing random walks
41. Berestycki Mixing time of random transpositions
42. Dawid Composite likelihood
43. Dawid Statistical aspects of forensic identification with DNA mixtures
44. Fischer Optimal mechanism design
45. Fischer Evolutionary game theory on networks
46. Matthews, Datta Quantum data hiding
47. Nickl The Bernstein-von Mises phenomenon
48. Norris Random walks on height functions
49. Norris Brownian motion on a Riemannian manifold
50. Pitts Gerber-Shiu functions in ruin theory
51. Samworth Applications of high-dimensional statistical techniques
52. Samworth Applications of empirical process theory
53. Samworth High-dimensional covariance matrix estimation

54.	Tehranchi	Markets with transaction costs
55.	Weber	Search games
56.	Weber	On line matching and bin packing problems
57.	Allanach	Supergraph perturbation theory
58.	Anderson	The GR thin sandwich problem
59.	Baumann	CMB polarization
60.	Baumann	Quantum field theory in curved spacetime
61.	Bonvin, Davis	Testing dark energy and modified gravity
62.	Bouatta	Conceptual challenges of gauge symmetry
63.	Brambley	Shock waves in curved cylindrical tubes
64.	Brambley	Numerical techniques for computational aero-acoustics
65.	Butterfield, Caulton	Identity and indiscernibility in quantum mechanics
66.	Caulfield	Instability and perturbation growth in stratified shear flows
67.	Caulfield	Mixing efficiency in stratified fluids
68.	Dalziel	Graphene production in very rapidly rotating flows
69.	Dalziel	The fluid mechanics of a single-bladed paddle
70.	Dalziel	Richtmyer-Meshkov instability in granular materials
71.	Dorey	Instantons
72.	Dunajski	Twistor transform
73.	Dunkel	Information processing in slime molds
74.	Gog	$R_0$
75.	Green	The large N approximation to QCD
76.	Iserles	Isospectral flows
77.	Iserles	Rapid expansion in orthogonal series
78.	Jozsa	Quantum computing and closed timelike curves
79.	Latter	Convective instabilities in galaxy cluster plasma
80.	Latter	Structure formation in Saturn's rings
81.	Linden	Stratified turbulence in a pipe
82.	Lister	Stretching, bending, folding, and coiling
83.	Manton	Applications of Lie groups beyond SU(3) in particle physics
84.	Montanaro	Quantum walk algorithms
85.	Montanaro	Holographic algorithms
86.	Neufeld	CO <sub>2</sub> sequestration: dissolution from a capillary fringe
87.	O'Donnell	Lanczos potential theory
88.	Paardekooper	Migration of young planets
89.	Papaloizou	Accretion discs and planet formation
90.	Rath Spivack	Iterative regularization for inverse problems
91.	Reall	Instability of anti-de Sitter spacetime
92.	Sayag	Instability in non-Newtonian floating extensional flows
93.	Schönlieb	Optical flow for video processing
94.	Shadrin	Stable reconstruction from Fourier samples
95.	Shellard, Barnaby	Non-Gaussianity as a probe of fundamental physics
96.	Sperhake	Black-hole superkicks and mechanisms for their suppression
97.	Stuart	Analysis of static monopoles in the Yang-Mills-Higgs and Einstein-Yang-Mills-Higgs systems
98.	Tong	Bosonization
99.	Townsend	The quantum supermembrane
100.	Vriend	Granular fingering
101.	Wingate	Critical exponents
102.	Worster	Marine ice sheets

Candidates are reminded that they may request leave to submit an essay on a topic other than those given above provided that the request is made, through their Director of Studies, so as to reach the Secretary of the Faculty Board, Mathematics Faculty Office, Centre for Mathematical Sciences, Wilberforce Road, not later than 1 February 2013.

A candidate who proposes to submit an essay should inform the Chairman of Examiners, through her or his Director of Studies, on a form which will be provided, by 3 May 2013. Candidates should submit their essays, through their Directors of Studies, so as to reach the Chairman of Examiners not later than 3 May 2013.

Abstracts and guidelines can be found online at: <http://www.maths.cam.ac.uk/postgrad/mathiii/essays/essall.pdf>.

## Natural Sciences Tripos, Part II (Biological and Biomedical Sciences), 2012–13: Notice

The Faculty Board of Biology give notice that the following combination of Major and Minor subjects, additional to, or amending, those previously published (*Reporter*, 2011–12, p. 446; *Reporter*, 2012–13, p. 7 and p. 47), will be offered in the Natural Sciences Tripos, Part II (Biological and Biomedical Sciences) in 2012–13:

**Major subjects:**

	<i>Major subject</i>	<i>Permissible Minor subjects</i>	<i>Examination requirements</i>
417	Neuroscience (4 out of 8 modules) (maximum of 15 candidates)	101 107 113 115 116 117 118 122 125 (Minor subjects 106 and 111 are also offered if not taken as Major subject modules)	Four written papers of three hours each.

## **Natural Sciences Tripos, Part III (Astrophysics) and Master of Advanced Studies in Astrophysics, 2012–13: Notice**

The Director of the Institute of Astronomy gives notice that the following courses will be available for examination in 2013:

*Three-unit lecture courses*

These papers, from Part III of the Mathematical Tripos, will be taken in June. Each will be examined by a written paper of three hours' duration.

- 41. Quantum field theory
- 48. Cosmology
- 49. General relativity
- 51. Black holes
- 52. Astrophysical fluid dynamics
- 55. Origin and evolution of galaxies

*Two-unit lecture courses*

These papers, from Part III of the Mathematical Tripos, will be taken in June and will be examined by a written paper of two hours' duration.

- 53. Structure and evolution of stars
- 54. Dynamics of astrophysical discs
- 56. Binary stars

These papers, from Part III of the Natural Sciences Tripos (Experimental and Theoretical Physics), will be taken at the start of the Lent Term and will be examined by a written paper of two hours' duration. Each paper will consist of three questions of which candidates will be required to answer two; all questions carry equal weight.

- Paper 1/PP. Particle physics
- Paper 1/PEP. Physics of the Earth as a planet

*One-unit lecture courses*

These papers, from Part III of the Natural Sciences Tripos (Experimental and Theoretical Physics), will be taken at the start of the Easter Term and will be examined by a written paper of one and a half hours' duration. Each paper will consist of three questions of which candidates will be required to answer two; all questions carry equal weight.

- Paper 2/PA. Particle astrophysics
- Paper 2/FOA. Frontiers of observational astrophysics

It is recommended that candidates take the equivalent of four 3-unit lecture courses. At least nine units should be selected from the recommended list of courses above. Up to three units may be chosen freely from Part III of the Mathematical Tripos (and need not be relevant to astrophysics), or the allowed list of courses from Part III Experimental and Theoretical Physics in the Natural Sciences Tripos, or a mixture of both. The courses offered in Part III of the Mathematical Tripos vary from year to year and may be found in their lecture listing at <http://www.maths.cam.ac.uk/lecturelists/PartIIIWeb.pdf>. The allowed courses from Part III Experimental and Theoretical Physics may be found at [http://www.ast.cam.ac.uk/students/undergrad/part\\_iii/lectures/](http://www.ast.cam.ac.uk/students/undergrad/part_iii/lectures/). Students should consult the Part III Course Co-ordinator for guidance about choice of courses.

## **Natural Sciences Tripos, Part III (Experimental and Theoretical Physics) and Master of Advanced Studies in Physics, 2012–13: Notice**

The Head of the Department of Physics gives notice that the following Major topics, Minor topics, and types of further work will be available for examination in 2013.

*Major topics*

These papers will be taken at the start of the Lent Term. Each Major topic will be examined by a written paper of two hours' duration. Each paper will consist of three questions of which candidates will be required to answer two; all questions carry equal weight. Candidates are required to take a minimum of three papers. The titles of the papers are as follows:

Paper 1/AQC.	Advanced quantum condensed matter physics
Paper 1/SMB.	Soft matter and biological physics
Paper 1/RAC.	Relativistic astrophysics and cosmology
Paper 1/PP.	Particle physics
Paper 1/PEP.	Physics of the Earth as a planet
Paper 1/QCM.	Quantum condensed matter field theory
Paper 1/AOP.	Atomic and optical physics

Candidates may replace one Major topic with the paper Quantum field theory (Paper 1/QFT) from Part III of the Mathematics Tripos (taken in June).

#### *Minor topics*

These papers will be taken at the start of the Easter Term. Each Minor topic will be examined by a written paper of one and a half hours' duration. Each paper will consist of three questions of which candidates will be required to answer two; all questions carry equal weight. Candidates who are not replacing Minor topics by other work, as specified below, are required to take a minimum of three papers. The titles of the papers are as follows:

Paper 2/AP.	Atmospheric physics
Paper 2/BP.	Biological physics
Paper 2/FSU.	Formation of structure in the universe
Paper 2/FECM.	The frontiers of experimental condensed matter physics
Paper 2/FOA.	The frontiers of observational astrophysics
Paper 2/GFT.	Gauge field theory
Paper 2/MP.	Medical physics
Paper 2/PA.	Particle astrophysics
Paper 2/QI.	Quantum information
Paper 2/PNS.	The physics of nanoelectronic systems
Paper 2/SQC.	Superconductivity and quantum coherence

Each paper or piece of further work listed below may replace one Minor topic:

- a Long Vacation Project (2/LVP) (based on pre-approved project work undertaken during the previous Long Vacation);
- the Entrepreneurship option (2/ENP), which is examined by course-work;
- the paper 'Advanced quantum field theory' (2/AQFT) from Part III of the Mathematical Tripos (examined in June);
- the examination paper 'Nuclear power engineering' (2/4M16) from Part IIb of the Engineering Tripos; these candidates will take the same examination paper as candidates from Engineering (examined at the start of the Easter Term);
- the Interdisciplinary papers in 'Materials, electronics, and renewable energy' (2/IDP3); 'The Earth system and climate change' (2/IDP2); and 'Atmospheric chemistry and global change' (2/IDP1) (all examined in the second half of the Easter Term).

Where candidates take more than three Major topics, the examiners will use the best three results in determining the class; where candidates take more than three Minor topics, the examiners will use the best three results in determining the class: all marks will appear on the transcript.

## **Examination in Advanced Computer Science for the M.Phil. Degree, 2012–13: Corrections and Amendment**

Further to their notice of 20 June 2012 (*Reporter*, 2011–12, p. 736), the Faculty of Computer Science and Technology give notice of the following corrections to module names and an amendment:

#### *Michaelmas Term 2012*

R209	Computer security: Principles and foundations ( <i>c</i> )
	<i>replaces</i>
R209	Principles and foundations of computer security ( <i>c</i> )

#### *Lent Term 2013*

R210	Computer security: Current applications and research ( <i>c</i> )
	<i>replaces</i>
R210	Current applications and research in computer security ( <i>c</i> )

Additional module offered in Lent Term 2013:

R201	Usability of programming languages ( <i>c</i> )
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Dropped module in Lent Term 2013:

P33	Building an internet router
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Further details can be found by following the appropriate links from <http://www.cl.cam.ac.uk/teaching/current/acs.html>.

## REPORTS

### Report of the General Board on the establishment of a Professorship of Experimental Psychology

The General Board beg leave to report to the University as follows:

1. The Department of Psychology has a long-established history of auditory research, from A. F. Rawdon-Smith and Mark Haggard (the Founding Director of the MRC Institute of Hearing Research), to Brian C. J. Moore, FMedSci, FRS, who currently leads the Department's Auditory Perception Group.

2. The Auditory Perception Group is at the international forefront in hearing research, and has made fundamental contributions towards understanding basic mechanisms of hearing and applications to ameliorate hearing loss. Under Professor Moore's leadership, facilities for hearing research in the Department of Psychology have expanded considerably. The Group also interacts with the Department of Physiology, Development, and Neuroscience, the MRC Cognition and Brain Sciences Unit, and the Audiology Department at Addenbrooke's Hospital.

3. Professor Moore will retire from his personal Professorship of Auditory Perception on 30 September 2013, and, in light of the Department's wish to both maintain its strength and reputation in this field, and make full use of the extensive facilities already established, the

Faculty Board of Biology and the Council of the School of the Biological Sciences have proposed the establishment of a single tenure Professorship of Experimental Psychology with a view to attracting a new scientific leader in Hearing Science or a related field.

4. The Council of the School of Biological Sciences has endorsed the Department's proposal to hold two University Lectureships vacant in order to meet the costs of the Professorship. The General Board have accepted the proposal for the establishment of the Professorship on this basis.

5. The Board are satisfied that an appointment at this level will be likely to attract a strong field of applicants. They are assured that suitable accommodation is available in the Department of Psychology for the Professor, and the Department and the School have undertaken to provide the necessary support and facilities. The Board have agreed that election to the Professorship should be made by an *ad hoc* Board of Electors and that candidature should be open to all persons whose work falls within the title of the Professorship, with preference being given to the fields of auditory perception and psychophysics.

6. The General Board recommend:

I. That a Professorship of Experimental Psychology be established in the University for one tenure from 1 January 2013, placed in Schedule B of the Statutes, and assigned to the Department of Psychology.

31 October 2012 PHILIP ALLMENDINGER  
N. BAMPOS  
H. A. CHASE  
SARAH COAKLEY  
MARTIN DAUNTON

SIMON FRANKLIN  
C. A. GILLIGAN  
DAVID GOOD  
ROBERT KENNICUTT  
SADIE JARRETT  
RACHAEL PADMAN  
JOHN RALLISON  
AMANDA TALHAT

### Report of the General Board on the establishment of a Readership in Comparative Oncology and Genetics

The General Board beg leave to report to the University as follows:

1. Cancer research has recently been granted Strategic Initiative status within the University. The Department of Veterinary Medicine has, for its part, a long-standing international reputation in veterinary oncology, one of the three main areas in which its research is focused. It also supports high quality research in veterinary genetics, with considerable cross-over between the two fields. Major technological advances that continue to lead to massive increases in genome sequence information in many domestic species, coupled with detailed pedigrees in many cases, provide a significant background resource with which to address questions concerning the nature of many diseases. Cancers occur with very different frequencies in different domestic species, and indeed in different breeds among domestic species, and are obvious targets for study via genome-scale approaches. The Department now proposes establishing a Readership to take forward work in this area.

2. The person appointed will be expected to provide leadership in promoting the Department as a centre of excellence that takes a comparative approach to oncology embedded in the genomics resources that are becoming increasingly available. He/she will also be expected to establish strong collaborative links with clinical veterinary

oncologists in the Department, making full use of clinical case material. More broadly, excellent opportunities exist within Cambridge for the new Reader to become strongly linked to the Cancer Research UK Cambridge Research Institute and the Sanger Institute, as well as to a range of University institutions in the Schools of Biological Sciences and of Clinical Medicine. High level international links and collaborations are also anticipated.

3. The Council of the School of the Biological Sciences has approved the case made by the Department and recommends the establishment of a single tenure Readership in Comparative Oncology and Genetics in the Department of Veterinary Medicine. The costs of the Readership will be met from funds available to the Department.

4. The General Board have accepted the Council of the School's proposal for the establishment of this Readership. The criteria for appointment to a Readership through open competition will be identical to those for appointment through the senior academic promotions procedure. The Appointments Committee will be constituted as specified in the Regulations for Readers and Readerships (*Statutes and Ordinances*, p. 743).

## 5. The General Board recommend:

I. That a Readership in Comparative Oncology and Genetics be established in the Department of Veterinary Medicine for one tenure with immediate effect.

5 November 2012	L. K. BORYSIEWICZ, <i>Vice-Chancellor</i> PHILIP ALLMENDINGER N. BAMPOS H. A. CHASE SARAH COAKLEY	MARTIN DAUNTON SIMON FRANKLIN C. A. GILLIGAN DAVID GOOD ROBERT KENNICUTT	PATRICK MAXWELL SADIE JARRETT RACHAEL PADMAN JOHN RALLISON AMANDA TALHAT
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**GRACES****Graces submitted to the Regent House on 7 November 2012**

The Council submits the following Graces to the Regent House. These Graces, unless they are withdrawn or a ballot is requested in accordance with the regulations for Graces of the Regent House (*Statutes and Ordinances*, p. 107), will be deemed to have been approved at 4 p.m. on Friday, 16 November 2012.

1. That, notwithstanding Regulation 3 for Proctors and Pro-Proctors (*Statutes and Ordinances*, p. 689), on the nomination of Downing College, R. K. Taplin, M.A., of that College, be appointed a Pro-Proctor from 24 November 2012 until the end of the academical year 2012–13.<sup>1</sup>

2. That, on the recommendation of the Board of Examinations, the regulations for Entries and lists of dates of examinations be amended as follows:<sup>2</sup>

## Regulation 3.

By amending the ‘not later than’ date entered against the entry for ‘Entries received via the on-line student record database in the Board of Examinations’ from 15 November to 8 November.

<sup>1</sup> This Grace enables Downing College to nominate a Pro-Proctor in place of Mr R. J. Stibbs, who has given notice of resignation with effect from 24 November 2012. In Lent Term 2012, Downing College wished to nominate Mr R. K. Taplin for appointment as a Pro-Proctor for 2012–13, but Mr Taplin was not then eligible for nomination and Mr Stibbs, also of that College, agreed to serve until Mr Taplin became eligible (on 6 November 2012).

<sup>2</sup> This change was omitted in error when the regulations were amended by Grace 1 of 12 October 2011 (*Reporter*, 2011–12, p. 63).

**ACTA****Approval of the Graces submitted to the Regent House on 24 October 2012**

All the Graces submitted to the Regent House on 24 October 2012 (*Reporter*, 2012–13, p. 71) were approved at 4 p.m. on Friday, 2 November 2012.

J. W. NICHOLLS, *Registrar*

**END OF THE OFFICIAL PART OF THE ‘REPORTER’**

**COLLEGE NOTICES****Elections***Newnham College*

The following elections and appointments have been made with effect from 1 October 2012, unless otherwise stated:

Elected into a Fellowship in Category A:

Francesca Martelli, M.St., D.Phil., *Oxford*  
Alexandra Da Costa, M.St., D.Phil., *Oxford* (with effect from 1 January 2013)

Julia Goedecke, M.Math., Ph.D. (with effect from 1 October 2013)

Appointed College Lecturer:

Shakil Awan, B.Eng., Ph.D., *Newcastle*  
Aniket Kumar, M.A., *Delhi*, M.Sc., *Louvain*, Ph.D., *LSE*

Elected into a Bye-Fellowship:

Anna Drews, Ph.D., *Saarland*  
Mary-Céline Newbould, M.Phil., Ph.D.  
Kimberley Trapp, LL.B., B.C.L., *McGill*, LL.M., Ph.D.

*Sidney Sussex College*

Elected to a College Lectureship and Fellowship in Philosophy in Class A, with effect from 5 October 2012:

Paulina Anna Sliwa, M.Phys.Phil., *Oxford*, Ph.D., *MIT*

Elected to a Fellowship in Engineering in Class E, with effect from 31 October 2012:

Mahdi Azarpeyvand, B.Sc., *IUST Tehran*, Ph.D.,  
*Southampton*

**Vacancies**

*The Colleges of the University of Cambridge*: Secretary of the Senior Tutors' Committee; for a period of up to three years, from 1 September 2013; flexible remuneration arrangements; salary: £64,787 *pro rata* (the post is 30% of full-time); closing date: 3 December 2012; further particulars: <http://www.admin.cam.ac.uk/committee/seniortutors/>

*Homerton College*: Two Junior Research Fellowships in Archaeology, Biological Sciences, Children's Literature, Economics, Land Economy, Modern and Medieval Languages, or Pure and Applied Mathematics; tenure: three years; closing date: 14 December 2012; further particulars: <http://www.homerton.cam.ac.uk/vacancies.html>

*Newnham College*: Associate Lectureships in History; tenable: from 1 January 2013, only in conjunction with another appointment; closing date: 29 November 2012; further particulars: <http://www.newn.cam.ac.uk/joining-newnham/academic-posts/>

*St Edmund's College*: Dean of the College; tenure: from 1 October 2013; salary: £32,483–£36,561; closing date: 11 January 2013; further particulars: <http://www.st-edmunds.cam.ac.uk/posts/dean/index.php>

**Events**

*Emmanuel College*: The next seminar in the *Cambridge Seminars in the History of Cartography* series will be held at 5.30 p.m. on Tuesday, 20 November 2012, in the Gardner Room, Emmanuel College. Further details are available at <http://www.lib.cam.ac.uk/deptserv/maps/camsem1213.html>.

**SOCIETIES, ETC.****Society for the History of the University**

The next meeting will be held on Thursday, 15 November 2012 at 8.30 p.m. in the Old Library, Darwin College. Professor John Peter Collett will give a talk entitled *On writing university history. Reflections on the recently published nine volume 'History of the University of Oslo 1811–2011'*. Refreshments will be served from 8 p.m.

**Cambridge University Scientific Society**

The Cambridge University Scientific Society aims to promote all branches of science at a level that is stimulating both to those studying science and to those with an arts background. The Society is one of the most active science societies in Cambridge, organizing weekly talks, social events, and away trips.

Further information and a list of upcoming talks for the term can be found on the Society's website at <http://www.scisoc.com>.

**OTHER NOTICES****Institute of Continuing Education**

Course Director (part-time) for the Certificate of Higher Education in Historic Building Conservation; fee: £1,500 plus teaching fees; closing date: 23 November 2012; further particulars: <http://www.ice.cam.ac.uk/who-we-are/job-opportunities/other-opportunity/72>

**EXTERNAL NOTICES****Oxford Notices**

*Oxford Centre for Islamic Studies*: Home Bursar; salary: up to £57,200, according to qualifications and experience; closing date: 7 December 2012; further particulars: <http://www.oxcis.ac.uk/vacancies>

*Exeter College*: Stipendiary Lecturer in Ancient Philosophy (fixed-term); tenure: 1 January 2013 to 30 June 2013; stipend: £12,260–£12,626 (*pro-rata*); closing date: 21 November 2012 at 12 noon; further particulars: <http://www.exeter.ox.ac.uk/college/vacancies>

*Lincoln College*: Tutorial Fellow of Lincoln College and University Lecturer (CUF) in the Faculty of Law; closing date: 27 November 2012; further particulars: <http://www.lincoln.ox.ac.uk/CUF-in-Law>

*St Antony's College*: Senior Research Fellow in Modern Polish Studies and Director of the Programme on Modern Poland; tenure: five years, initially; salary: £42,883–£57,581, plus housing allowance and other benefits and facilities; closing date: 10 December 2012; further particulars: <http://www.sant.ox.ac.uk>

*Wycliffe Hall*: Principal; closing date: 3 December 2012; further particulars: <http://www.wycliffe.ox.ac.uk>

Notices for publication in the *Reporter* should be sent to the Editor, Cambridge University Reporter, Registry's Office, The Old Schools, Cambridge, CB2 1TN (tel. 01223 332305, email [reporter.editor@admin.cam.ac.uk](mailto:reporter.editor@admin.cam.ac.uk)). Copy should be sent as early as possible in the week before publication; short notices will be accepted up to 4 p.m. on Thursday for publication the following Wednesday. Inclusion of notices is at the discretion of the Editor.