

Friends of Imperial College
Membership form

Please support Friends by joining and paying an annual subscription.

Annual subscription costs £25 per member. This is reduced to £20 if you complete a standing order.

Half-year membership (April to September) costs £15 per member, reduced to £10 for standing order.

Membership forms are also available to download online at:
www.friendsofimperial.org.uk

1. APPLICATION INFORMATION

First Name

Last Name

Email

Phone

Address

Postcode Country

Please indicate connection with Imperial College if any:

A (Alumnus), **LR** (Local Resident) **SF** (Staff), **S** (Student), **P** (Parent)

O (Other)

Please send your membership form by post (together with your cheque if appropriate) to:

The Administrator
Friends of Imperial College,
30 Gloucester Road, New Barnet, Herts, EN5 1RZ
Email: admin@friendsofimperial.org.uk;

Telephone enquiries to Jill Cook:
05601 308 693

An invitation to join Friends of Imperial College

Imperial College London is a world-leading science-based university with a reputation for excellence in teaching and research. It attracts students and faculty of the very highest international quality and reputation.

Friends of Imperial College organises lectures, visits and social events at the College as well as providing privileged access to College courses and facilities. Our programme this year has world-class speakers and provides unique opportunities to get behind the scenes of College departments to find out what is really happening. After each event there are refreshments when you can meet the speaker and other guests. After lectures a *Friends'* table is booked in a nearby restaurant for those who wish to continue enjoying the evening.

Friends offers you the opportunity to explore many areas of science, technology and medicine. One of our aims is to keep ourselves informed of the great advances being made in science in a way that the non-specialist can understand. Our lectures have received a great deal of praise for their clarity and interest – and the socialising is fun too.

Membership of *Friends* offers you reduced prices for our events, membership of Ethos sports centre in Princes Gardens as well as some courses and other facilities at College.

If you would like to join a lively-minded group of people interested in all aspects of science, then *Friends* is for you. To know more, visit our website, or simply come along to one of our events as a guest; you will be very welcome. To become a member, fill in the membership form on this programme and return it to us.

We look forward to seeing you soon.



Roderick Rhys Jones
Chairman, Friends of Imperial College

Friends of Imperial College,
30 Gloucester Road, New Barnet EN5 1RZ

Telephone: **05601 308 693**

Email: admin@friendsofimperial.org.uk

FRIENDS SUPPORTS THE STUDENT OPPORTUNITIES FUND

Imperial College
London

Friends of Imperial College
2009-2010
Programme of events

WELCOME

FRIENDS SUPPORTS
THE STUDENT OPPORTUNITIES FUND

www.friendsofimperial.org.uk





MEDICINE

■ THURSDAY 24 SEPTEMBER 7.00PM

The self-healing heart: regenerating a sound heart after attack

Professor Michael Schneider, Chair in Cardiology, Head of Cardiovascular Science at the National Heart and Lung Institute

Winning one of the Medical Futures Awards (dubbed the 'Dragons' Den' of medical awards for its style of selection) Michael Schneider is seeking a commercial solution which will harness the body's own mechanisms to repair damaged hearts.

ENGINEERING/ART

■ TUESDAY 20 OCTOBER 6.00PM AGM, 7.00PM LECTURE

Engineering and emotion

Chris Wise FRS, Master of the Royal Designers for Industry, previously Ove Arup Foundation Professor of Civil Engineering Design, Imperial College

Known for his TV films on ancient structures, designer of London's Millennium Bridge and Europe's tallest building (the ecological Commerzbank Tower, Frankfurt) Chris Wise is among the leading structural engineers of his generation. He holds radical ideas about engineering and art and how they affect society.

PSYCHOLOGY/BIOLOGY

■ TUESDAY 17 NOVEMBER 7.00PM

Seeing is believing – the house of deceptions of the sight

Professor Christopher Kennard, Nicholas Kurti Senior Fellow, Oxford University

Using the latest research on vision, visual illusions and patients with brain damage, you will discover that our brains are constantly generating hypotheses about what is reality out there in the visual world - a reality sometimes very different from the physical reality.

BIOLOGY/COMPUTING

■ THURSDAY 28 JANUARY 6.30PM

Members and their guests only

Behind-the-scenes @ Institute of Systems and Synthetic Biology

Professor Richard Kitney OBE FREng, Professor Paul Freemont, Imperial College; Professor Nikolas Rose, LSE

Synthetic Biology can be defined as the design and re-design of biological parts, devices and systems with applications ranging from materials with enhanced properties to biofuels. The three professors will discuss the future of this new discipline and its social implications.

SPACE EXPLORATION

■ WEDNESDAY 24 FEBRUARY 7.00PM

Life in the solar system: Saturn's moons reveal their secrets

Professor Michele Dougherty, Chair of Space Physics

Discoveries made recently regarding water and liquid on Saturn's moons from the Cassini spacecraft mission and implications that these may have for life in our solar system.

BIOLOGY/MEDICINE

■ THURSDAY 25 MARCH 7.00PM

The geni in our cells: how cells change and remember what they are

Professor Richard Festenstein, Clinical Professor of Molecular Medicine

We begin life as a single cell. Find out how, driven by genes, identical cells turn into organs, flesh, bone and the brain. How do they "remember" what kind of cell they are? A deeper understanding of this process is helping Richard Festenstein's team to find new treatments for neurodegenerative diseases.

ENVIRONMENT

■ WEDNESDAY 28 APRIL 6.30PM

Members and their guests only

Behind-the-Scenes @ Grantham Institute for Climate Change

Professor Sir Brian Hoskins CBE, FRS, Director of the Grantham Institute for Climate Change

Philanthropists Jeremy and Hannelore Grantham have created twin institutes at Imperial College and LSE with a donation of £24 million. Join us to see why.

PHYSICS

■ TUESDAY 8 JUNE 7.00PM

The hunt for the Higgs Boson and the unknown

Professor Jordan Nash, Head of High Energy Physics

Jordan Nash and the Imperial HEP team are searching for the Higgs Boson and other unknown and unexpected forms of matter using the Large Hadron Collider at CERN. He will be telling us how evidence is emerging and its implications for our understanding of the universe.

TICKETS FOR LECTURES AND BEHIND-THE-SCENES VISITS:
MEMBERS £5, COLLEGE STAFF £3, STUDENTS £3, ALUMNI £10,
OTHERS £10.

2. PAYMENT METHOD

I wish to pay for my subscription by the following means:

- Cheque by post payable to Friends of Imperial College
- Internet credit transfer to NatWest Bank
- Standing order by post (3a below)
- Standing order by internet (3b below)

3. STANDING ORDER AUTHORITY (Complete 3a or 3b)

3a. By Post

To	NAME OF BANK/BUILDING SOCIETY		
	<input type="text"/>		
	BRANCH	SORT CODE	
	<input type="text"/>	<input type="text"/>	
Please pay	BANK	BRANCH	SORT CODE
	NatWest	South Kensington Station	51-50-01
	ACCOUNT NUMBER	ACCOUNT NAME	
	64615626	Friends of Imperial College London	
The sum of	AMOUNT OF FIRST PAYMENT IN WORDS		IN FIGURES
	<input type="text"/>		£ <input type="text"/>
and	AMOUNT OF ANNUAL PAYMENT IN WORDS		IN FIGURES
	<input type="text"/>		£ <input type="text"/>

on 1 October annually thereafter

3b. By Internet

Please set up your standing order as above using the word "Membership" to differentiate from other payments you may make. Then complete the following statement and sign it and send it by post to Friends of Imperial College, 30 Gloucester Road, New Barnet, EN5 1RZ

I confirm that I have set up a standing order from my/our Internet Bank payable to Friends of Imperial College at NatWest Bank, South Kensington Station, SW7 2LB, Sort Code 51-50-01, Account Number 64615626, for an immediate first payment of:

AMOUNT IN FIGURES		AMOUNT IN FIGURES
£ <input type="text"/>	and thereafter	£ <input type="text"/> annually on 1 October

Please sign below:

SIGNATURE	DATE / /
<input type="text"/>	<input type="text"/>