

## The **Space Science Day** comprises...

- Visit to the University's Space Research Centre including their laboratories and facilities for instrumentation research, earth observation science and bio-imaging unit.
- Talk in their lecture theatre: "**50 years of space science at Leicester**". This will discuss the history of space research since the beginning of the space age and highlight the important role played by the UK and Leicester University in particular.
- Hands-on activities such as comet making demonstration and Mars lander activity.
- Talk in their lecture theatre: "**Nanotechnology – the fabric of the cosmos**". This covers the Casimir effect; fluctuations of the quantum vacuum leading to observable forces between nanoscale objects. There are potential applications such as frictionless bearings for future nano machines.
- Range of displays and other short talks covering a multitude of space science topics throughout the day.
- Buffet lunch comprising a selection of freshly cut sandwiches (V), tortilla bites (V), mango and brie parcels (V), tomato, courgette and pesto canapés (V), chipolata sausage with Cumberland dip accompanied with orange juice.

## Make a weekend of it!

Discounted tickets costing £9.00 per person are available to visit the National Space Centre on Sunday 27<sup>th</sup> April. (Standard admission costs £12.00.) The attraction includes six themed galleries full of exhibits, hands-on activities, artefact displays, simulators, actual rockets and a planetarium show in their Space Theatre. An average visit lasts four hours. The National Space Centre is located just off the A6, two miles north of Leicester city centre and is well signposted. See [www.spacecentre.co.uk](http://www.spacecentre.co.uk) for further information.



## Space Science Day Booking Form

Name	<input type="text"/>
Address	<input type="text"/>
Phone	<input type="text"/>
Email	<input type="text"/>
Mem. No	<input type="text"/> or tick if guest <input type="checkbox"/>

I would like to book

<input type="checkbox"/>	adult places @ £17.50
<input type="checkbox"/>	child places @ £14.00
<input type="checkbox"/>	places for the National Space Centre @ £9.00 <small>only valid on 27th April 2008</small>

Total £

I wish to pay by

<input type="checkbox"/>	Cheque payable to British Mensa Ltd				
<input type="checkbox"/>	Credit/debit card:				
<input type="checkbox"/>	Visa	<input type="checkbox"/>	Mastercard	<input type="checkbox"/>	Delta
<input type="checkbox"/>	Maestro	<input type="checkbox"/>	Solo	<input type="checkbox"/>	Switch
<input type="checkbox"/>	Visa Electron				

Card number

Name on card

Valid from

Expiry date

Issue no   
debit cards only

CSC

the 3 digit code at the end of your signature strip

Signature

Please send to: Space Science Day, British Mensa, St John's House, St John's Square, Wolverhampton, WV2 4AH.

A map and accommodation options (if required) will be sent out with your confirmation.

# The Mensa Space Science Day

University of Leicester  
Saturday 26<sup>th</sup> April 2008 • 10.30am to 4.00pm

Join the **Professor of Nanoscale Physics** and the **Professor of Astrophysics and Space Science** at Leicester University for an insight into space science and technology.

Leicester University is the leading centre in the UK for space research and education. They were a principal partner in NASA's Beagle 2 project and responsible for a large part of its scientific payload. The university was also the inspiration for the nearby National Space Centre, where there is an optional visit on Sunday 27<sup>th</sup> April.

British Mensa has partnered with the University to give members a unique insight into Britain's work on space research, resulting in our first Space Science Day where the university open their doors to members and present two Mensa lectures on their exciting work. The cost is £17.50 per adult or £14.00 per child and includes all materials for activities, Mensa exclusive talks and lunch. Families and guests are most welcome. Booking deadline is 18th April 2008.