BOOKING

You can provisionally book seats by e-mailing **info@mathsinspiration.com** or by telephoning **Elaine Standish** on **020 8693 9259** with your name, address, the event (Southampton), and the number of seats you would like. We only accept bookings from schools or colleges.

To confirm your booking you will need to send your cheque to us with the booking form (overleaf) within three weeks of your provisional booking.

TRANSPORT & PARKING

The Turner Sims Concert Hall is on the campus of Southampton University. There are good bus connections by Uni-bus from Southampton station, the bus takes about 15 minutes. There is pay and display parking for minibuses, but coaches may need to park elsewhere. For further details see **www.turnersims.co.uk**

Maths Inspiration

For Sixth formers and Year 11s

Turner Sims Concert Hall, Southampton

Wednesday 19th March 2008

Simon Singh, Paul Shepherd, Rob Eastaway and Claire Ellis

...reveal that Mathematics does have a life beyond A Levels

9.45am - 12.30 and 1pm - 3.45pm

£6 per head **(1 adult free per 10 students)**
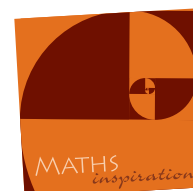
Places are limited, so book early!

What the teachers said last year:

"There is a new spring in our Maths lessons!"

"It really inspired the students and the teachers"

"So important to see maths out of exam context"

"Thank you for yet another superb show"

MATHS inspiration

Maths Inspiration

For Sixth formers and Year 11s

Paul Shepherd: *The Maths of Sports Stadiums*

The Millennium Dome and Arsenal's breathtaking new Emirates Stadium are two of the country's most talked about structures. But did you know that maths has been critical to both? Mathematician and engineer Paul Shepherd will explain how mathematics helps with roof design, spectators' views, and even making the grass grow better. If you think geometry has no relevance to the real world, think again.

Rob Eastaway: *Maths, Creativity and Imagination*

When people talk about creativity, they are usually referring to the arts. But beauty, creativity and imagination are fundamental parts of maths too. Author Rob Eastaway will share some of his favourite puzzles and maths problems, showing that creative thinking applies at least as much in maths as it does in other subjects.

There will be plenty of audience interaction, including a dynamic Question & Answer session at the end.

Chaired by Claire Ellis

Simon Singh: *Risk and Gambling*

Are you lucky or just obeying the laws of chance? Bestselling author Simon Singh looks at the mathematics behind situations involving luck, risk and coincidence, from the casino to the hospital, from the courtroom to the supernatural. Simon will give examples that illustrate how our intuition often misleads us and will demonstrate how mathematics and critical thinking can help us live, thrive and survive.

Who's **who?**

Simon Singh is one of the country's leading writers and broadcasters in the field of maths and science. After graduating in Physics, he joined the BBC where he directed the BAFTA-winning documentary *Fermat's Last Theorem*. His bestselling books include *Fermat's Last Theorem*, *The Code Book* and *Big Bang*, and he has presented several TV and radio series, including *The Science of Secrecy* and *Mind Games*.

Paul Shepherd is Research Fellow in the Architecture and Civil Engineering Department at Bath. Paul has worked on projects led by some of the world's leading architects including Norman Foster and Richard Rogers, and his design software has won several awards.

Rob Eastaway is an independent lecturer and author whose books on everyday maths include *Why do Buses Come in Threes?* and *Beating the Odds*. For several years he set puzzles for *New Scientist* and *The Sunday Times*, and he is often to be heard on radio talking about the maths of everyday life.

Claire Ellis has been involved with Maths Inspiration from its first event back in 2004. Her degree was in Genetics, and for two years she was responsible for the schools Enigma project. She spent the last year in Guatemala studying the mathematical systems of the Mayans (among other things).

Booking form: Southampton

Please complete and return this form to:
Maths Inspiration, 18 Colwell Road, London SE22 8QP

Including Teachers + Students I would like:

☐ Seats for the AM session (9.45 – 12.30)
☐ Seats for the PM session (13.00-15.45)

No. of Student Seats: ☐ x £6 = £ ☐ **(A)**

No. of Free Adult Seats: ☐
(1 adult seat free for every 10 pupils)

No. of Paying Adult Seats: ☐ x £6 = £ ☐ **(B)**
(eg 25 pupils with 4 adults means 2 paying adults)

I enclose a cheque made payable to
'**Maths Inspiration**' for £ ☐ **(A + B)**

Name:..

School: ....

....

School Address: ....

Telephone Number: ....

Email Address: ....