



Making the most of
mathematical talent

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www.mathsinspiration.com

www.civicchalls.liverpool.gov.uk/stgeorges hall

More details of the venue can be found at:

off by the venue, but will need to park elsewhere.

refurbished Small Concert Hall. Coaches can drop

station. Maths Inspiration will be taking place in the

This historic venue is right next to Liverpool Lime Street

TRANSPORT & PARKING

within three weeks of your provisional booking.

cheque to us with the booking form (overleaf)

To confirm your booking you will need to send your

from schools or colleges.

of seats you would like. We only accept bookings

address, the event (Liverpool), and the number

Elaine Standish on **020 8693 9259** with your name,

info@mathsinspiration.com or by telephoning

You can provisionally book seats by e-mailing

BOOKING

Maths Inspiration

For Sixth formers and Year 11s

At St George's Hall, Liverpool

Thursday 28th February 2008

**Rob Eastaway, Colin Wright,
John Roberts and Claire Ellis**

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

9.45am - 12.30 and 1pm - 3.45pm

£5 per head (1 adult free per 10 students)

Places are limited, so book early!

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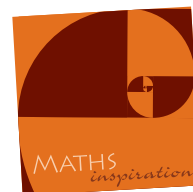
What the teachers said last year:

"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

For Sixth formers and Year 11s

Chaired by Claire Ellis

Rob Eastaway: *When Maths Meets Psychology*

TV shows like *Cracker* and Derren Brown's *Tricks of the Mind* have made psychology a more popular subject than ever before. But when maths meets psychology the combination can be fascinating. This is a talk about human intuition, how it can sometimes lead you astray, and how maths can help you to think critically and behave more rationally. On the way you'll encounter TV gameshows and some telepathy that is worthy of Derren Brown himself.

Colin Wright: *The Mathematics of Juggling*

In this acclaimed talk, mathematician Colin Wright will display his juggling skills, while at the same time analysing what is going on. He will describe how he invented a mathematical notation for juggling, and show how that information was used to invent new routines. Thinking and problem solving don't come more entertaining than this.

John Roberts: *The Maths of Rollercoasters*

Rollercoasters are designed for fun, but the maths behind them is deadly serious. In this talk, internationally renowned rollercoaster engineer John Roberts looks at the history of rollercoasters and the engineering calculations that have gone into designing some of the world's leading rides. In short, it's all about maximising the thrill while minimising the nosebleeds.

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

Who's who?

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.

Colin Wright graduated in Pure Mathematics at Monash University, Melbourne, before going on to get a PhD in Cambridge. While there he learned how to fire-breathe, unicycle and juggle. These days he is director of a company that specialises in software for marine radar, but takes time out to give juggling talks all over the world.

John Roberts is based in the Manchester office of Jacobs, an international engineering firm. He is one of the UK's leading theme park engineers, with projects including the London Eye, and the 'Big One' at Blackpool Pleasure Beach. He is also a visiting professor of Engineering Design at Manchester University.

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: Liverpool

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 £5 = (£) (A)

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

No. of Paying Adult Seats: x £5 = (£) (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:

