



Making the most of  
mathematical talent

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The venue is close to the centre of Durham, a ten minute walk from the railway station. Coaches should park at the Sands car park, which is a five minute walk. Cars can park at Watergate Car Park. You will find a map of the venue at:

TRANSPORT & PARKING

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.

You can provisionally book seats by e-mailing [info@mathsinspiration.com](mailto:info@mathsinspiration.com) or by telephoning Elaine Standish on **020 8693 9259** with your name, address, the event (Durham morning/afternoon), and the number of seats you would like. We only accept bookings from schools or colleges. There is an upper limit of 66 seats per school (including teachers) for provisional bookings.

BOOKING

# Maths Inspiration

For Sixth formers and Year 11s

At the Gala Theatre, Durham

Tuesday 13th November, 2007

Rob Eastaway, Colin Wright,  
Paul Shepherd and Nadia Baker

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

9.45 - 12.25 and 1pm - 3.45pm

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

Places are limited, so book early!

[www.mathsinspiration.com](http://www.mathsinspiration.com)

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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 **Nadia Baker** of *The Enigma Project*

**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.

**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.

**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.

## 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.

**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.

**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.

**Nadia Baker** Nadia studied Maths, Computer Science and Japanese at Adelaide University, Australia. She worked for a Science Circus, then came to England where, after a spell teaching maths, she became the Enigma Schools Project Officer. Now she travels the UK talking about codes and code breaking.

## Booking form: Durham

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 – 12.25)

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: .....

