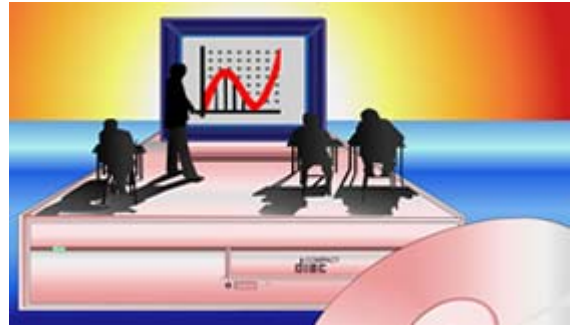


FOR MATHEMATICS  
TEACHERS at ECIS

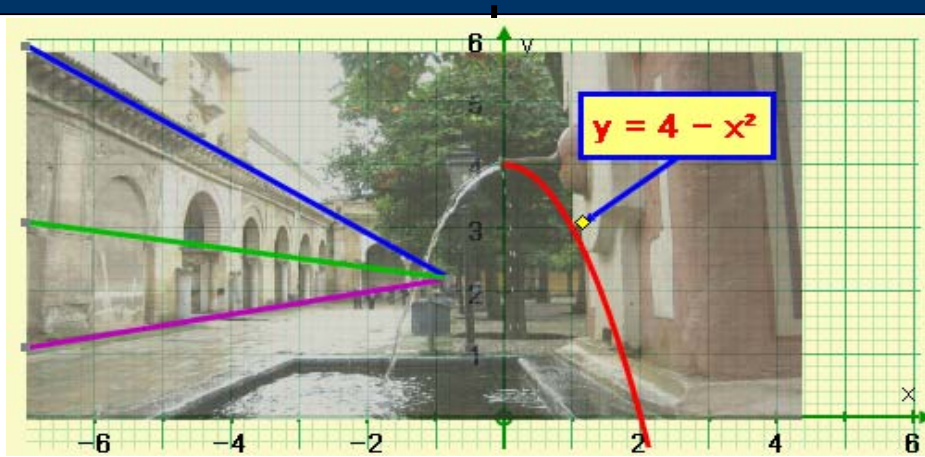
**TSM**

ECIS 2007 – MADRID  
Pre-Conference Workshop  
Thursday 22<sup>nd</sup> November



TSM: Technology for Secondary/College Mathematics  
**MATHEMATICAL MODELLING WORKSHOP**  
at INTERNATIONAL COLLEGE of SPAIN, Madrid  
10:00am – 4:15pm

♦ AUTOGRAPH 3: Modelling from data



Hands-on Workshops  
led by a distinguished  
team of trainers:

From the UK:

♦ DOUGLAS BUTLER

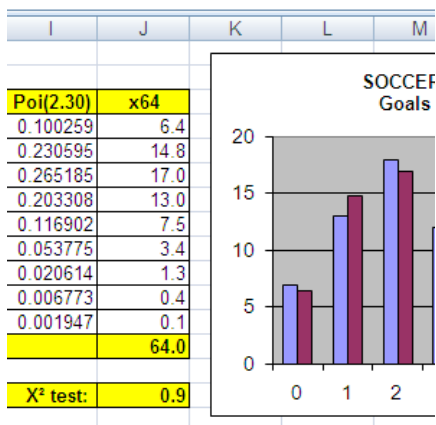
From Norway:

♦ MIKE WAKEFORD

From Switzerland:

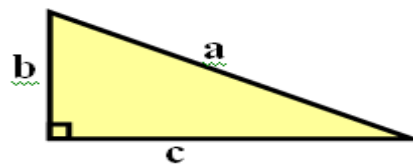
♦ RICHARD COLLINSON

♦ Modelling using EXCEL



♦ WORD for portfolios

$$\chi^2 \sim N(\mu, \sigma^2)$$



♦ You may bring a laptop:

All delegates will receive a personal  
copy of 'Autograph 3', and the highly  
praised 2007 TSM Resources CD.

♦ DELEGATE FEE

**£130 / €200 / US\$260**

including: transfer from the  
ECIS Conference venue,  
documentation, refreshments  
and lunch.

2<sup>nd</sup> and subsequent delegates:  
**£120 / €180 / US\$240**

This pre-conference  
workshop is being  
administered by  
the ECIS Secretariat,  
in conjunction with the 2007  
**ECIS November Conference**  
which commences on  
Friday 23<sup>rd</sup> November.

APPLICATION  
FORM →



WATCH FOR DEVELOPMENTS on  
[www.tsm-resources.com](http://www.tsm-resources.com)

TSM is a teacher training initiative organised by the **iCT TRAINING CENTRE**  
Oundle School. Director: Douglas Butler [debutler@argonet.co.uk](mailto:debutler@argonet.co.uk)

**ECIS November 2007: Pre-Conference MATHEMATICS WORKSHOP**  
**MATHEMATICAL MODELLING WORKSHOP**  
**10:00am – 4:15pm Thursday 22<sup>nd</sup> November 2007**

**at INTERNATIONAL COLLEGE of SPAIN, Madrid**

C/Vereda Norte, 3, 28109 La Moraleja, Madrid Tel: +34 91 650 2398 Fax: +34 91 650 1035

*The well established TSM series of training days is now offered again to mathematicians at ECIS, this time focusing on Modelling and History.*

● **SCHEDULE**

- 09:30 Registration and COFFEE
- 10:00 Plenary: welcome and introduction**
- 10:15 **Workshops W1 + W2** (1½ + ½hr)  
[Refreshments available 11:00]  
Optional swap-over at 12noon
- 12:30 Lunch
- 14:00 Plenary: discussion**
- 14:15 **Workshops W3 + W4** (1½ + ½hr)
- 16:15 Depart** [refreshments available 15:45]

**HOTEL:** It is suggested that TSM delegates extend their ECIS hotel booking back one night. There will be a **08:45 bus pick-up** from the ECIS venue.

**WORKSHOPS**

**W1 (10:15) [PC Lab] MODELLING FOR IB PORTFOLIOS**  
Autograph-based Investigation and Modelling Activities for A2/IB students - led by **Mike Wakeford**, Head of Mathematics, Skagerak International School, Norway

**W2 (10:15) [Classroom]: HISTORY and MODELLING**  
Practical lesson plans with a blend of History - Led by **Richard Collinson**, Head of Mathematics, College du Leman, Geneva, Switzerland.

**W3 (14:00) Using Word 2007 for Portfolio write-ups**  
Explore the possibilities of the new version of Office – led by **Douglas Butler** (iCT Training Centre, Oundle)

**W4: (14:00) Further practice** on the material from Workshops W1 and W2, led by Mike and Richard.

=> [www.tsm-ressources.com/madrid07](http://www.tsm-ressources.com/madrid07)



**Deadline for Registration:** 15<sup>th</sup> Nov. **Cancellation policy:** 100% refund; after 15<sup>th</sup> Nov. 50% refund



**To: The Secretariat, ECIS (EUROPEAN COUNCIL OF INTERNATIONAL SCHOOLS)**  
21b Lavant Street, Petersfield, GU32 3EL, UK. [heatherkent@ecis.org](mailto:heatherkent@ecis.org) [www.ecis.org](http://www.ecis.org)

**Tel: +44 (0)1730 268244 Fax: +44 (0)1730 267914**

**ECIS Pre-Conference Workshop: The INTERNATIONAL SCHOOL, Nice, France**

**PLEASE RESERVE ONE DELEGATE PLACE for Thursday 22<sup>nd</sup> November 2007**  
**[Multiple applications on separate forms: please photocopy as required]**

**Topics of particular interest:**

- W1 Modelling for Portfolios
- W2 History and Modelling
- W3 Word for Portfolios
- W4 General Practice

Other: .....

**Delegate fees:** 1<sup>st</sup> delegate: £130 / €200 / US\$260  
 2<sup>nd</sup> /subsequent: £120 / €180 / US\$240

SEND NO MONEY NOW

**You will be invoiced: preferred currency:** .....

- I can bring a PC laptop (we have 1 PC lab + 1 classroom)
- I would like to take the **08:45 bus** from Madrid ECIS venue

**Name:** ..... **Tel:** .....

**School /College:** ..... **Dietary:** .....

**Address:** .....

..... **Country:** .....

**Post Code:** ..... **Email:** .....