

FOR MATHEMATICS TEACHERS



**TSM**  
Technology for  
Secondary/College  
Mathematics

**2009 RESIDENTIAL  
TSM WORKSHOP**

Tuesday 14<sup>th</sup> - Thursday 16<sup>th</sup> July

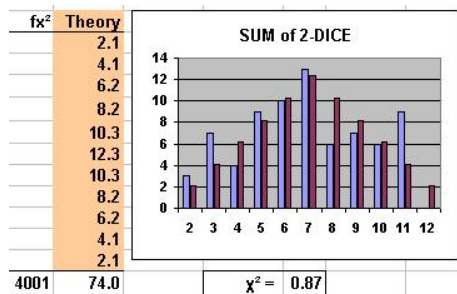


ENJOY the superb computer facilities of OUNDLE SCHOOL,  
in the peaceful Northamptonshire market town of Oundle [30 miles West of Cambridge]

◆ MS OFFICE 2007 for Mathematics (Word, Excel, Internet)

$\chi^2 \sim N(\mu, \sigma^2)$   
 $3 \frac{3}{7}$   
 $\int_0^{\pi/2} \sin^2 2\theta d\theta$

[Hyperlinks](#)



14 hours of hands-on Workshops led by distinguished trainers:

*From the UK:*

- Douglas Butler
- Alan Catley
- Christine Dickinson
- Mike Hadden
- Karl Hayward-Bradley
- Sidney Tyrrell
- Martin Withington

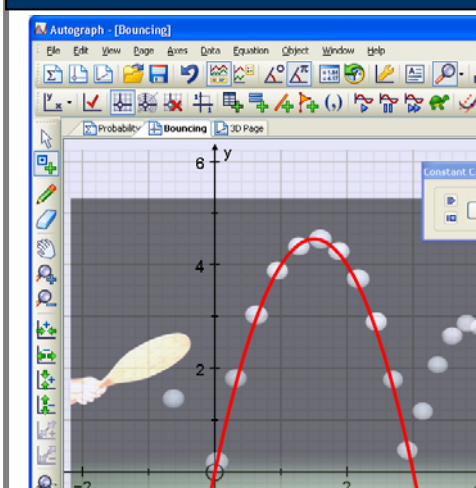
*From Canada:*

Kate Mackrell

*From France*

Jean-Jacques Dahan

◆ Dynamic Software (Autograph, Sketchpad, Cabri)



◆ Computer Algebra (CAS)  
◆ Problem solving

`cSolve(t^4 + 7 = 0, t)`  
 $t = \frac{7^{1/4} \cdot \sqrt{2}}{2} + \frac{7^{1/4} \cdot \sqrt{2}}{2}$

`cSolve(t^4 + 3 = 0, t)`

◆ You may bring a PC laptop:

All delegates will receive a personal copy of the latest Autograph version and the praised TSM Resources CD.

◆ DELEGATE FEES

Resident: £440 (full board)

Non-resident: £350 (incl lunch)

+ documentation and resources

2nd and subsequent delegates: £40 rebate

EARLYBIRD DISCOUNT £40 (before 1<sup>st</sup> April 2009)

Online form available



WATCH FOR DEVELOPMENTS on the MATHEMATICS link 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 [circleline@argonet.co.uk](mailto:circleline@argonet.co.uk)

APPLICATION

FORM



**2009 RESIDENTIAL TSM at Oundle School, Peterborough, UK**  
**(Technology for Secondary/College Mathematics)**  
**(10:30am) Tuesday 14<sup>th</sup> - (4:00pm) Thursday 16<sup>th</sup> JULY 2009**

● **SCHEDULE**

Mon 7pm Tutors' Reception (Yorke House)  
for long distance delegates arriving early

Tue 10:30am-6:30pm (evening program to 9:30pm)

Wed 9:00am-6:30pm (evening program to 9:30pm)  
2:00-4:00 *free time /open workshops*

Thu 9:00am - 4:00pm

Delegates will join one workshop in each strand,  
+ 2 hours for two Delegates' Forums to share ideas.

PLEASE PHOTOCOPY MULTIPLE APPLICATIONS  
[www.tsm-resources.com](http://www.tsm-resources.com)

◆ **STRAND A (6 hrs): Productivity Tools**

- A1 MS Word and tools for the busy teacher
- A2 MS Excel for Beginners/Intermediate
- A3 MS Excel for statistics and data handling
- A4 MS Excel for simulation/animation (advanced)
- A5 CAS (Computer Algebra), *TI-Nspire*
- A6 Autograph in the classroom (*using IWB / Tablet*)

◆ **STRAND B (6 hrs): The DYNAMIC Classroom**

- B1 Autograph 3 for beginners/intermediate
- B2 Autograph 3 for 11-16
- B3 Autograph 3 for AS, IB
- B4 Autograph 3 for A2, IB, *incl 3D lines/planes/surfaces*
- B5 Dynamic Geometry: Sketchpad / Cabri 2 and 3D
- B6 Autograph in the classroom (*using IWB / Tablet*)

**Deadline for Registration: 1<sup>st</sup> July. Cancellation policy: 100% refund; after 1st July 50% refund**



TO: The Secretary, iCT Training Centre, PO Box 46, Oundle, Peterborough PE8 4JX, UK  
 Tel: +44 (0)1832 273444 Fax: +44 (0)1832 273529 Email: [circleline@argonet.co.uk](mailto:circleline@argonet.co.uk)

**PLEASE RESERVE ..... DELEGATE PLACES for 14<sup>th</sup> - 16<sup>th</sup> July 2009**  
**TSM RESIDENTIAL WORKSHOP**  
 at Oundle School

*Workshops of particular interest: (this is not a final commitment, but will help us to set the right balance)*

- |                             |                             |                 |
|-----------------------------|-----------------------------|-----------------|
| <input type="checkbox"/> A1 | <input type="checkbox"/> B1 |                 |
| <input type="checkbox"/> A2 | <input type="checkbox"/> B2 |                 |
| <input type="checkbox"/> A3 | <input type="checkbox"/> B3 |                 |
| <input type="checkbox"/> A4 | <input type="checkbox"/> B4 | Other topic(s): |
| <input type="checkbox"/> A5 | <input type="checkbox"/> B5 | _____           |
| <input type="checkbox"/> A6 | <input type="checkbox"/> B6 | _____           |

- Non-resident fee (to 6:30pm) .. £350
- Non-resident fee (to 9:30pm) .. £380
- Resident fee .. .. £440
- Early arrival: Monday reception + B&B +£40
- Rebate 2<sup>nd</sup>/subsequent delegate .. -£40
- Early application rebate (1<sup>st</sup> April) .. -£40

**SEND NO MONEY - YOU WILL BE INVOICED**

Purchase Order #: \_\_\_\_\_

I hope to be able to bring a laptop (PC)

Please see [www.tsm-resources.com](http://www.tsm-resources.com) for:

- Local B&B (alternative to school accommodation) ◀
- Travel from Peterborough Station and Stansted ◀
- Oundle International Festival (10-19 July) ◀

Male / Female

NAME: ..... Tel: .....

(School/college): ..... Dietary requirements: .....

ADDRESS: .....  
 [Please advise if separate Invoice address required]

POST CODE: ..... EMAIL: .....