

# 34th Stirling Physics Meeting



**“It's practical, Jim, but not as we know it”**

**Wednesday 4 June 2008**

**University of Stirling**

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*Organised by the Institute of Physics in Scotland*

**www.iop.org**

## Programme

### Morning

- 0900 – 1000 **Registration** (Room 2B133)  
0900 – 1000 **Exhibitions and Displays** (Room 2B147)  
1010 **Welcoming Remarks** Gemmell Millar, Institute of Physics in Scotland

Chair: Paul Chambers, Faculty of Education, Strathclyde University

- 1020 – 1040 **Post-15 curriculum** Tom Dickson and Colleagues  
1045 – 1105 **Radiation Safety Matters** Adam Lowe, Health Protection Agency, Leeds  
1110 – 1140 **Good gear in small bulk: Scotland's first advanced micro-spacecraft** Craig Clark, ClydeSpace  
1145 – 1215 **Ye cannae dae that!** Gregor Steele and Jim Jamieson, SSERC  
1215 – 1315 **Lunch in the Pathfoot Building**  
1315 – 1350 **Displays of Teaching Materials** in 2B147

### Afternoon

Chair: Prof Julian Jones, Heriot-Watt University

- 1400 – 1415 **Presentation of the IoPIS Awards** Michael McVey and Heather Reid  
1420 – 1520 **Faster-than-light Galaxies** Bob Lambourne, Open University  
1520 **Drive Carefully!**  
1520 – 1600 **Displays of Teaching Materials and Tea/Coffee** (2B147)

### Location

The meeting will be held in the Logie Lecture Theatre at the University of Stirling. A map of the campus can be found online at [www.external.stir.ac.uk/maps/campus\\_map.htm](http://www.external.stir.ac.uk/maps/campus_map.htm) and travel instructions at [www.external.stir.ac.uk/visitor\\_info/about/getting\\_here/index.php](http://www.external.stir.ac.uk/visitor_info/about/getting_here/index.php)

### Meals

Refreshments will be served in Room 2B147 whilst lunch will be served in the Pathfoot Building.

### Evaluation

Your comments are invaluable in helping the organising committee to evaluate the success of the meeting and to start planning for the 2009 event. Please take time to complete and return the 'Comments and Suggestions' sheet in your registration pack. There will be a box for completed forms in the Logie Foyer at the end of the meeting.

## Organising Committee 2008

<b>Tom Dickson</b>	Education Manager, Scotland	<b>Michael McVey</b> (Chair)	Institute of Physics in Scotland
<b>Rosemary Gallagher</b>	Dunblane High School	<b>Gemmell Millar</b>	Institute of Physics in Scotland
<b>Iain Glennie</b>	Larkhall Secondary School	<b>Peter Sneddon</b>	University of Glasgow
<b>Jim Jardine</b>	Institute of Physics in Scotland	<b>Ian Taylor</b>	Springburn Academy, Glasgow
<b>Alison McLure</b>	Institute of Physics in Scotland		

## Exhibition

An exhibition will be held alongside the programme in Room 2B147 in the Cottrell Building as well as the foyer of the Logie Lecture Theatre. The exhibits in both areas will be open all day and teachers are encouraged to visit the exhibits during lunchtime and the start and end of the programme. Sessions will start promptly at the times indicated and you should ensure that you are seated in the lecture theatre by 10.10 in the morning and 14.00 in the afternoon.

## Exhibitors

<b>Anderson Scientific</b> Robert Anderson	<b>Instruments Direct (Services) Ltd</b> Vincent English	<b>School's Laboratory Equipment</b> Wilson Fraser
<b>Counting Thoughts</b> Andrew Conway	<b>JJM Electronics</b> Alex Munro	<b>Scientific &amp; Chemical Supplies</b> Ken Holyoake and Allison Caldwell
<b>Data Harvest Ltd</b> Jayne Metcalfe	<b>Leckie and Leckie</b> Valerie Henderson	<b>SSERC</b> Gregor Steele, Jim Jamieson and Graeme Paterson
<b>djb microtech ltd</b> Derek Walker	<b>Newton Resources Limited</b> Graeme Coleman	<b>University of St. Andrews</b> Bruce Sinclair
<b>Engineering the Future – Glasgow University</b> Elsa Ekevall and George MacBride	<b>Pasco (Feedback Instruments)</b> Lynne Purshouse	<b>The Royal Society of Chemistry</b> Koran Calder
<b>Flash Learning</b> John Sharkey and Nat Benson	<b>Perfect Papers</b> Christian Davidson and Cathy Davidson	<b>Timstar Laboratory Suppliers Ltd</b> Lucienne McCallum
<b>Glasgow University</b> Miles Padgett	<b>Philip Harris Education</b> Lindsey Griffiths	<b>The Association for Science Education</b> Steuart Cuthbert
<b>Heriot-Watt University</b> Bill MacPherson, John Wilson and Graham Crowder	<b>Researchers in Residence</b> Marek Kukula	

## Student Prizewinners

The Institute of Physics in Scotland awards prizes annually to the highest scoring candidates in the SQA examinations, in recognition of excellence in Physics in Scotland. Prizewinners for the 2007 diet of examinations were:

### Advanced Higher Physics

1st equal	<b>Jennifer Louise Mahoney</b>	Stevenson College, Edinburgh
1st equal	<b>Denesh Srikantharajah</b>	Robert Gordon's College, Aberdeen
2nd equal	<b>Neil A Dewar</b>	High School of Dundee, Dundee
2nd equal	<b>James A Dolan</b>	George Watson's College, Edinburgh

### Higher Physics

1st	<b>Douglas K K Chiah</b>	Hutchesons' Grammar School, Glasgow
2nd equal	<b>Adam Berg</b>	Douglas Academy, Milngavie
2nd equal	<b>Sarah E Chadbourn</b>	Kemnay Academy, Inverurie
2nd equal	<b>James A Cooke</b>	Lenzie Academy, Lenzie
2nd equal	<b>Daniel M Tesme</b>	Fortrose Academy, Fortrose
2nd equal	<b>Laura E Treece</b>	High School of Dundee, Dundee
2nd equal	<b>Ross H Walke</b>	Kyle Academy, Ayr
2nd equal	<b>Roy Yuil</b>	Grove Academy, Dundee

### Teachers of Physics Award 2008

Each year the Institute of Physics honours a small number of practicing teachers in the primary and secondary sectors who have been nominated as exceptional teachers. **Mrs Ronna Montgomery** of Bearsden Academy and **Mr Michael McVey**, formerly of Lourdes Secondary School, Glasgow were two of the five recipients of the Physics Teachers award in 2008.

## Emergency/Evacuation Procedures

In the case of emergency use an internal phone to dial '2222' or 01786 467 999 from other phones.

### Action in the event of a FIRE

**If you discover a fire,**

- activate the alarm systems and telephone the emergency extension 2222
- begin orderly evacuation by the nearest safe route

**If you hear the Fire Alarm,**

- leave the premises by the nearest available exit
- close all doors behind you
- report to the assembly point

All fire and bomb alerts must be taken seriously.