

East Lothian Edinburgh Falkirk Fife Mid Lothian West Lothian	<h1 style="margin: 0;">IOP Institute of Physics</h1> <h2 style="margin: 0; color: red;">Scottish Teachers' Network</h2> <p style="margin: 0; color: red;">Issue 7 <span style="float: right;">October 2008</span></p>	<p style="color: red; margin: 0;"><b>Please circulate:</b></p> <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____
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**Future Events**

There will be two meetings per year, one in April and the other in November.

**Email me if you would like to contribute or place an item on the agenda.**

**Remember these are your meetings and if you have strong feelings on the future of Physics education, then this would be a good forum to air them!**

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**Mailing List - Staff Changes**

Any changes of address, retirals, new members of staff or students? Please get in touch.

If you want to join the East Central Network mailing list email me at [tom.balanowski@wled.org.uk](mailto:tom.balanowski@wled.org.uk)

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**SPUTNIK**, our on line forum, has been a great success. The membership continues to rise. To register, email Brian Redman on: [bjred10@aol.com](mailto:bjred10@aol.com)

Remember only members of SPUTNIK can access the sputnik website – see item in next column.

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**SSERC**

The website can be accessed through: [www.science3-18.com](http://www.science3-18.com)

Contains details of CPD courses plus numerous links.

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**ASE**

All events can be accessed through <http://www.asescotland.org.uk/>

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**IOP Affiliated Schools**

The scheme costs £40 per annum – lots of benefits. If you would like to join the email: [Gita.tailor@iop.org](mailto:Gita.tailor@iop.org)

**Sputnik Website**

<http://sputnik.iop.org>

Once you have joined SPUTNIK, **you will be given the user name plus password.**

You will have access to materials under the following headings:

<b>Browse resources by course</b>  <a href="#">Standard Grade</a>  <a href="#">Intermediate 1/Access 3</a>  <a href="#">Intermediate 2</a>  <a href="#">Higher</a>  <a href="#">Advanced Higher</a>	<b>Other resources</b>  <a href="#">CASE</a>  <a href="#">Homework</a>  <a href="#">Administration</a>  <a href="#">Promoting Physics/Careers Material</a>  <a href="#">Events</a>  <a href="#">Presentations of note from Courses/Conferences</a>  <a href="#">Curriculum Development</a>
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**These have been donated by Physics teachers throughout Scotland. Feel free to download and adapt.**

**Remember if you have materials that you want to share just follow the instructions on the website. Your submissions should be emailed to [clare.mills@iop.org](mailto:clare.mills@iop.org)**

### Teaching Advanced Physics Website

[www.tap.iop.org](http://www.tap.iop.org)

Well worth a trawl through even if the courses are English based! **There is some good stuff here. Good link to CERN listing the experiments being conducted.**

The website draws upon materials from a number of sources including *Advancing Physics*, *Salters Horners Advanced Physics*, *Resourceful Physics* and *Practical Physics*.

Everything is downloadable as WORD documents. The website will be updated regularly.

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### Medical Physics Teaching Materials for Schools

You should have received a superb CD of presentations plus support booklet.

If not contact

[www.teachingmedicalphysics.org.uk](http://www.teachingmedicalphysics.org.uk)

(Just in case you missed it the first time around)!

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### Games

Nice website – various games. Useful exercise for resistors in series and parallel – click on the 02.

<http://puzzling.caret.cam.ac.uk>

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### IOP Talks at the Royal Society of Edinburgh

22 - 26 George Street

Start at 19.30 with a sherry reception beforehand from 19.00.

Organised by Prof. Derryk Reid

[d.t.reid@hw.ac.uk](mailto:d.t.reid@hw.ac.uk)

**2 December 2008**

**Dr Elham Kashefi, University of Edinburgh**

[ekashefi@inf.ed.ac.uk](mailto:ekashefi@inf.ed.ac.uk)

(0)131 650 5150

**Universal Quantum Computing**

**20 January 2009**

**Prof. Richard Jones**

University of Sheffield

[r.a.l.jones@sheffield.ac.uk](mailto:r.a.l.jones@sheffield.ac.uk)

0114 2224530

**The Future of Nanotechnology**

**24 February 2009**

**Dr Craig Underwood,**

[c.underwood@surrey.ac.uk](mailto:c.underwood@surrey.ac.uk)

University of Surrey

**Nano- and Pico-satellites**

### SCICAST – Successful Year

The Institute of Physics has joined forces with Planet SciCast in order to develop a regionally organised competition.

**Entries are now being taken for 2009.**

See

[http://www.planet-scicast.com/scicast\\_physics.cfm](http://www.planet-scicast.com/scicast_physics.cfm)

Some examples of entries are on

<http://www.planet-scicast.com/films.cfm?tab=rated>

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### More Dates for your Diary

**Friday 12<sup>th</sup> December**

**AH Examination and Investigations**

Linlithgow Academy

See next page.

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**8<sup>th</sup> – 10<sup>th</sup> January 2008**

**ASE Meeting – Reading**

A must if you can make it!

Ask your school to fund the visit – get your application in early!

Details on [www.ase.org.uk](http://www.ase.org.uk)

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### The Scottish Science Education Conference

**“Real World Science”**

Dunblane Hydro Hotel

6<sup>th</sup> – 7<sup>th</sup> March 2008

Details on <http://www.asescotland.org.uk/>

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### SQA Physics Examinations

**Tuesday 26<sup>th</sup> May**

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### IOP – Stirling Meeting

**Wednesday 3<sup>rd</sup> June**

More details later.

# **East Central Network Meeting**

**Wine and Nibbles**

**Thursday 13<sup>th</sup> November 7.00 – 8.30 pm**

**Register 6.30 pm**

**Grosvenor Hotel (Hilton) Edinburgh**

**(Walking distance from Haymarket railway station)**

Before I book numbers for this event, would you please email me by Monday 3<sup>rd</sup> November, if you intend coming along to the meeting.

**Agenda:**

- IOP - Update.
- Teaching ideas

Presenters - Bob Kibble, Brian Redman plus others.

- Discussion of timetable for Higher and AH Implementation.
- Plus freebies.

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## **AH Examination and Investigations**

Marking, Updated Guidance, SQA procedures, Appeals?

(Open to requests)

**Linlithgow Academy**

Friday 5<sup>th</sup> December

1.45 – 3.30 pm

**Contact me by Monday 24<sup>th</sup> November at**

[tom.balanowski@wled.org.uk](mailto:tom.balanowski@wled.org.uk)