

June

Daw hyfryd fis ...

This month's e-bulletin goes from Mars to monkeys and from planets to prosthetics. Also, if you're packing a case to go on holiday then you may want to have a look at the article on physicsworld.com on random packing!

If you have anything that you think you would like covered in the e-bulletin or anything you feel the Institute should be doing this year then please drop me an e-mail Angharad.Thomas@iop.org.

Best wishes – Dymuniadau gorau

Angharad

News in brief

Newyddion yn fyr

Phoenix has landed! [The Phoenix spacecraft has landed on Mars](#). Initial images of the surface show signs of an ice-water presence.

Monkey business! A [monkey has been trained to control a robotic arm](#) using only its mind. This groundbreaking research gives new hope to paralysis patients, by using mind control to move prosthetic limbs.

The [Institute of Physics](#) has submitted its response to the RCUK Review of UK Physics. The [Wakeham review](#) is due to report in the autumn.

[Physicsworld.com](#) has an interesting article on random packing. If you randomly pack different sized grains you can't fill more than 63.5% of the available space! Click [here](#) for the article.

**Institute of Physics
in Wales**

**Sefydliad Ffiseg
yng Nghymru**

The [Institute of Physics in Wales Annual General Meeting](#) is being held on 16 July 2008 in Room 413, Vivian Tower, Swansea University. For further details click [here](#).

The [National Eisteddfod](#) is in Cardiff this August. I've joined forces with Catherine Beddoe (Regional Officer, Wales, for the British Association for the Advancement of Science) and we will have an exhibition in the science and engineering tent. The theme is cosmology and we are planning to have demonstrations on the planets and Columbus. The Eisteddfod runs from 2 August to 9 August 2008. Any offers to help would be gratefully received – even if you can only spare a morning.

Institute of Physics

Sefydliad Ffiseg

A new IOP mentoring service has been launched which allows members to match themselves with other members who wish to be mentored or act as mentors. Registration is online, and initial contact is made via Institute staff. When you have registered, you will be able to search for an appropriate match, depending on your needs and experience. For more information click [here](#) or e-mail mentoring@iop.org. The professional development and careers teams will be touring the UK to offer you the chance to attend a mentoring workshop and to get involved in mentoring. They are visiting Wales on 19 June 2008, at the [Royal Hotel](#), Cardiff. Places are on a first come, first served basis. Therefore if you would like to book your place, please click [here](#).

[Mobile careers 2008](#) – members of the Institute are entitled to use the careers service regardless of their employment status. A careers adviser can provide advice on a range of topics including: changing careers; redundancy; taking a career break; retiring and updating your CV. The careers adviser will be at Swansea on 10 September 2008 and in Cardiff on 11 September 2008. For more details and to register, click [here](#).

[Forthcoming Institute conferences](#)

[What's on in physics](#)

physicsweb events listing which lists [all physics related events](#).

Events in Wales Digwyddiadau yng Nghymru

The West Wales Branch of the IWA is holding their summer event at Aberglasney Gardens on Monday 30 June 2008. The guest speaker is Geraint Talfan Davies and there will also be a tour of the garden with Graham Rankin. For further information please click [here](#).

For information on what's going on in Wales – have a look at "[What's on Wales](#)" or "[Golwg ar Gymru](#)".

Useful Links

Cysylltiadau Defnyddiol

[EPSRC](#) – Engineering and Physical Sciences Research Council

[STFC](#) – Science and Technology Facilities Council

[HEFCW](#) – Higher Education Funding Council for Wales / Cyngor Cyllido Addysg Uwch Cymru

bbc.co.uk/wales / bbc.co.uk/cymru – BBC Wales / BBC Cymru website

[The National Assembly for Wales / Cynulliad Cenedlaethol Cymru](#)
[The Welsh Assembly Government / Llywodraeth Cynulliad Cymru](#)
[European Commission – Research](#)

Y Sefydliad Ffiseg yw anfonnydd yr e-bost yma. Os dymunech ddileu eich enw oddi ar restr derbynnyddion pob neges e-bost o'r math yma, danfonwch e-bost i member.services@iop.org gyda'r gair 'unsubscribe' yn y blwch 'pwnc' ac o leiaf dau o'r canlynol yn y neges: eich rhif aelodaeth, eich cyfenw a'ch cyfeiriad post. Mi fydd eich cais yn cael ei gwblhau cyn gynted ag y bo modd.

Mae'r e-bost hwn (a'r atodiadau) yn gyfrinachol a bwriedir hwy ar gyfer y derbynnydd/ derbynnyddion yn unig. Os nad chi yw'r derbynnydd a fwriadwyd, rhwch wybod i'r anfonwr, dilëwch unrhyw gopiâu a pheidiwch â gweithredu trwy ddibynnu arno. Barn yr awdur yw unrhyw farn a fynegir ac nid yw'n cynrychioli barn IOP, ac eithrio lle y nodir hynny'n benodol. Mae IOP yn cymryd rhagofalon rhesymol i amddiffyn yn erbyn feirysau, ond nid yw'n derbyn cyfrifoldeb am golled na difrod sy'n codi o heintiad feirws. Er amddiffyn systemau a staff IOP, sganir e-byst yn awtomatig.

Sefydliad Ffiseg Cofrestredig yn Lloegr dan Rif Cofrestru 293851
Swyddfa Gofrestredig: 76/78 Portland Place, Llundain W1B 1NT