



President's update



As you know, IPEM adopted a new set of values last year as part of its strategy for 2016-19 and we are working hard to embed them into the culture of the Institute. The Annual Review of 2016 will have a very different look and feel to what has been produced in previous years as it focuses on these core values (you can read more below about this).

One of our new values is around diversity and next month the Institute will carry out the first ever comprehensive diversity survey to gain a better understanding of the profile of our members.

Promoting equality, diversity and inclusion is an important policy of IPEM and diversity and openness are two of our core values. Our membership, activities and services should be accessible to everyone, whatever their background or characteristics.

The results from this survey will help us to meet the needs of members better and to also check that we are not inadvertently discouraging any groups from joining IPEM. The information collected in the survey will be anonymous and it is very short – only 10 questions – and it should take less than five minutes to complete. I would urge you all to find five minutes from your busy working day to complete it as your responses will assist IPEM in its commitment to diversity.

I am also very pleased to report that the first meeting of the Improving Clinical Engineering and Physical Science Services (iCEPSS) Technical Advisory Group has taken place.

Professor Roland Blackwell

It is with great regret that we have to announce the death of Professor Roland Blackwell, who died last month.

Professor Blackwell was President of the Institute of Physical Sciences in Medicine (IPSM), which was IPEM's immediate predecessor organisation, from 1989-1990.

At the memorial service, held at Woodside Baptist Church in London, Professor John Clifton read a summary of Professor Blackwell's contribution to developments in medical physics on behalf of Geoff Cusick.

Rosemary Cook, Chief Executive of IPEM, attended the service on behalf of the Institute, and conveyed the respects of the President and the Trustees to Mrs Blackwell.



How IPEM is working for you

[First iCEPSS meeting takes place](#)

MEI ^{BIO}ENG / MPEC ²⁰17

IPEM Latest

[Clinical Imaging Board report on MRI](#)

[IPEM vacancies: Deadline to apply 30 May!](#)

Conferences

[Implementing the EMF Regulations and their relevance to Healthcare 23 June in London](#)

[Mammography Physics Training Meeting, 27 June in Birmingham](#)

[PET Update: current status and future developments, 29 June in York](#)

[more 2017 conferences](#)

External events & activities

[CSO Leadership, Improvement and Advice group](#)

[WISE awards 2017](#)

[Medical Physics International features history of IPEM by Steve Keevil](#)

[John Maddox Prize 2017](#)

[CaSE: How the General Election could impact science and engineering](#)

The first meeting of the Improving Clinical Engineering and Physical Science Services (iCEPSS) Technical Advisory Group (TAC) has been held. Chaired by Dr Peter Jarritt, a former IPEM President, the meeting discussed the background to [iCEPSS](#) and the accreditation requirements and standards.

This quality improvement programme was launched in January 2014 and agreement was reached earlier this year with the office of the Chief Scientific Officer for NHS England that the UK Accreditation Service will manage and deliver the iCEPSS accreditation scheme, supported by IPEM.

The TAC meetings are planned to be held initially every six months, with the next one due to take place in November.

MPE registration checklist

In order to help members prepare for Medical Physics Expert (MPE) registration, IPEM's Professional Standards Council has produced a helpful checklist:

- Make sure your MPE role is written into your job description and/or your Administration of Radioactive Substances Advisory Committee entitlement, or that your appointment as an MPE is available in writing.
- Make sure your employer (line management and human resources) is aware of the MPE introduction and the legislative and financial implications and requirements.
- Make sure your CV is up to date and appropriate.
- Ensure you undertake and record Continuing Professional Development activities relating to your MPE competencies each year.
- Tick the [MPE box](#) in the My IPEM > My Preferences > My Interests section in the members' area of the IPEM website to record that you are an MPE.

Abstracts for MEIBioeng / MPEC 2017

There has been an excellent response to the first call for papers for the forthcoming MEIBioeng / MPEC 2017, the abstracts have helped to shape a great programme. We are now reopening abstract submission for specific topics which you can find [here](#). The deadline for submissions is Friday 30 June. There are some very exciting sessions being held during the event, including Research culture: Visions of 2035 led by the Royal Society, and two sessions from the Royal Academy of Engineering on policy and entrepreneurship in medical engineering. Submitting an abstract to the MEIBioeng / MPEC 2017 is the best way to ensure you are part of this exciting new event.

MEIBioeng / MPEC 2017 is being held at Sandown Park, Surrey on the 13 and 14 September.

Free Sense About Science media workshop for members

IPEM supports Sense About Science, a charity which aims to challenge the misrepresentation of science and evidence in public life. A free media workshop for early career research members and PhD students, post-docs or equivalent, is taking place at the University of Warwick on Friday 30 June. More [here](#).

IPEM Annual Review 2016

The IPEM Annual Review of 2016 is due to be published around the middle of June. Last year we took the decision to offer you the choice of whether

[EFOMP School for MPEs accredited by EBAMP for CPD, 6-8 July in Prague](#)

[Science Council CPD awards](#)

[IAEA International Conference on Radiation Protection in Medicine: Achieving Change in Practice](#)

IPEM Journals Pick of the Month

Physics in Medicine & Biology

[A novel adaptive needle insertion sequencing for robotic, single needle MR-guided high-dose-rate prostate brachytherapy](#)

Physiological Measurement

[Surface EMG and muscle fatigue: multi-channel approaches to the study of myoelectric manifestations of muscle fatigue](#)

Medical Engineering & Physics

[The Combyn™ ECG: Adding haemodynamic and fluid leads for the ECG. Part II: Prediction of total body water \(TBW\), extracellular fluid \(ECF\), ECF overload, fat mass \(FM\) and "dry" appendicular muscle mass \(AppMM\)](#)

Science Council registration

As an IPEM member, you can apply to become registered with the Science Council, which you retain with your CPD return and an annual fee - apply [here](#).

to receive a hard copy of the Review or to just view it on online. This decision was based on the results of the member survey in 2015, in which only eight per cent of respondents said members should automatically receive a hard copy of the review; some 53 per cent said they should receive it electronically and 39 per cent said members should have a choice. By only printing and posting the Annual Review to members who requested it greatly reduced the costs to the Institute of producing it. The Annual Review 2016 will be available to view on the website once it has been published. If you would like to receive a hard copy of the Review you can register for it now by clicking [here](#). This link takes you to the My IPEM > My Preferences > My Interests section in the members' area of the website. Select "I would like to receive a hard copy of the 2016 Annual Review", scroll down to the end of the list and press "Save". You can also take the opportunity to check your postal address is correct in your member record. We will then post a copy of the Review to you and we hope you will enjoy reading about the Institute's activities in 2016.

Opportunities with EFOMP

A number of opportunities with the European Federation of Organisations for Medical Physics (EFOMP) are currently open for nominations. These are: Scientific Vice-Chair, Education and Training Vice-Chair, and European Matters Vice-Chair. If you are interested in applying for these posts, then please submit a statement (of no more than 400 words in length), a CV (no more than three pages long) and a letter from yourself stating your willingness to stand for election, to IPEM's Vice President International Hugh Wilkins at ukhugh@aol.com by no later than **Friday 30 June**.

Workforce Intelligence Unit

The Workforce Intelligence Manager, Dr Jemimah Eve, was invited to talk about workforce at the Heads of Radiotherapy meeting this month. She presented the data behind the Position Statement on the Radiotherapy Physics Workforce and listened to concerns around recruitment and training. The Workforce [webpages](#) have been updated to present this information more clearly.

The clinical engineering survey is still open, with around 30 responses to date, so please take the opportunity to complete it and inform IPEM what the current situation is. This data will be really valuable in order to make the same case for training and education as there has been for radiotherapy physics.

And finally...

IPEM Fellow and Vice President Industry Professor Paul White and the team at Cambridge University Hospitals NHS Foundation Trust were runners up in the [Lord Carter Innovation Awards for 2017](#). This was for *'The use of active and passive RFID systems, adopting GS1 standards, are integral for effective medical device management. Cambridge University Hospitals NHS Foundation Trust have used RFID and GS1 to ensure maximal asset utilisation, aiding productivity.'* Congratulations to Professor White and the team!



For more information, see www.ipem.ac.uk
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