



President's update



A New Year is a good time to talk about new things – and this year's MPEC is going to be new in several ways. For a start, it's going to bring together IPEM's annual scientific meeting and the annual meeting of the Wellcome-funded medical engineering centres, so that it has scientific sessions on the spectrum from medical physics to biomedical engineering, and from practical applications to academic research. Hence the name: this year it will be the [MEIBioeng/MPEC2017](#) conference, and it will be held at beautiful Sandown Park in Surrey on 13

and 14 September.

I'm also very excited that the conference will have a real European flavour, with a fantastic session from our colleagues at the European Federation of Organisations for Medical Physics (EFOMP) about cutting edge developments in the field. This will follow the EFOMP Council meeting, which I'm delighted to say IPEM is hosting in York just days before the conference. With the call for abstracts open, inviting papers on everything from computational modelling, radiation physics and biomedical engineering to medical robotics, imaging physics and radiotherapy physics, it's going to be a brilliant meeting! We'll still find time for the MPEC essentials though: the Woolmer lecture, the award presentations, the trainee sessions, some great plenary speakers, and of course, the handover to your new President ... you won't want to miss MPEC in 2017, so keep an eye on the website for registration opening and in the meantime, why not think about putting your abstract in? You can do so [here](#).

How IPEM is working for you

Prizes and awards

There is up to £3,000 available for international travel grants and the deadlines to apply for these are 31 January and 31 July. There are also prizes and awards for up to £5,000 available for travel, research, patient care and raising public awareness. The deadline to apply for these is 30 April. More [here](#).

Professional Affiliate Membership

Do you know someone who is working with applications of physics and engineering applied to medicine but who is working as a professional other than as a clinical scientist or clinical/biomedical engineer? If you know, for example, a doctor, radiographer, nurse, vet, dentist or teacher, then Professional Affiliate Membership of IPEM could be just right for them. More [here](#).

Professional Conduct Committee (PCC) vacancies

IPEM's PCC has a vital role to play in ensuring that the Institute's Code of Ethical and Professional Conduct is kept up to date, and reflects the standards expected of members. It also manages disciplinary procedures

IPEM Latest

[Important news about Route 2](#)

[NHS England: Modernising Radiotherapy Services consultation response](#)

[IPEM / IET / IMechE joint lecture](#)

[RP-SIG update](#)

[Brexit update](#)

[PMB webinar: New horizons for adaptive therapy and dose guidance, 22 February](#)

Trainee news

['I'm a Scientist...' apply now!](#)

[STP recruitment 2017](#)

[Scottish training scheme 2017](#)

[Trainee Induction Day report](#)

MEI BIO
ENG // **MPEC** 20
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Conferences

[DICOM Teaching for Medical Physics and Clinical Engineering on 16 February, London](#)

[Dental CBCT performance testing for physicists and technologists on 16 March, Manchester](#)

when required. The PCC currently has a number of vacancies and applications from members of all backgrounds would be welcome. For more on this and other committee vacancies, see [here](#).

Authors working group

IPEM is setting up a working group to consider how and what IPEM could do to support book authors and is looking for three members to sit on the working group. Volunteers should have previous experience of book publication. The working group will be temporary and will aim to complete its work by September 2017. The aims of the working group are to provide information on:

- the different types of support which authors need and what authors currently do to gain this support.
- the type of support which IPEM could offer authors; in the form of options and costings.
- whether IPEM members might be interested in this support.

The group will meet by teleconference or in person (in York) three times over its lifetime. Please send brief details of who you are and relevant experience by 31 January to marie@ipem.ac.uk.

Honours nominations

At the start of the New Year, and again on the Queen's official birthday in June, a list of people receiving honours is published. To receive such an Honour is not just a privilege for the recipient but also a mark of recognition for the field in which they have been working.

IPEM has a procedure in place to work up a nomination once a suggestion has been made. The Honours Nomination Advisory Committee (HNAC) consists of seven members who have themselves received Honours. They have the expertise to help draw up the nomination form but they need you to identify members whose work, you feel, deserves recognition. By this we mean that the person nominated should have changed things, especially by solid, practical achievement and/or their work should have brought distinction to British life or enhanced the UK's reputation in their area or activity. Most importantly, their contribution should have been 'outstanding' – not just long service, or an excellent delivery of their 'day job', but something beyond the norm.

Our profession is one which enables us to change people's lives and there are a number of our members who surely deserve this recognition for their work. So we would ask you to suggest names for the HNAC to consider (send your names to marie@ipem.ac.uk marked Confidential). Please note, that in line with Cabinet Office requirements, the nominee must not be informed about the nomination at any stage.

Vacancies for the European School for the Medical Physics Expert

Vacancies are currently available for the Board of the European School for the Medical Physics Expert for prominent medical physicists with expertise in the education and training of medical physicists.

Potential candidates must have a minimum of 10 years' experience in a senior position in medical physics, normally as a MPE, hold a position which entails appraisal and management of the performance of individuals, and experience of teaching medical physics at postgraduate level.

Nominations to sit on the Board should consist of:

- A formal letter of nomination by the President of the European Federation of Organisations for Medical Physics (EFOMP) National Member Organisation that will include the name and affiliation of the candidate
- A letter from the candidate accepting his/her nomination
- A statement (up to 500 words) by the candidate demonstrating the knowledge and interest in the field and highlighting any other experience which makes them suitable for the post

[more 2017 conferences](#)

External events & activities

[CSO awards 2017](#)

[Diversity in engineering survey](#)

[Development of learning from radiotherapy errors](#)

[Royal Academy of Engineering awards 2017](#)

[Professional Bodies in the Diversity Frame](#)

IPEM Journals Pick of the Month

Physics in Medicine and Biology

[A geometric atlas to predict lung tumor shrinkage for radiotherapy treatment planning](#)

Physiological Measurement

[iTrack: instrumented mobile electrooculography \(EOG\) eye-tracking in older adults and Parkinson's disease](#)

Medical Engineering and Physics

[Biomechanical properties of human T cells in the process of activation based on diametric compression by micromanipulation](#)

Science Council registration

As an IPEM member, you can apply to become registered with the Science Council,

- A short CV limited to three pages of A4, which should cover the candidate's qualifications.
If you want to be considered, send your application to marie@ipem.ac.uk.
Nominations close on 9 February.

which you retain with your CPD return and an annual fee - apply [here](#).

Workforce Intelligence Unit

We are assisting the National Radiotherapy Imaging Dose Audit Working Party by administering a survey into imaging equipment and protocols. At the same time we are gearing up for an ambitious Clinical Engineering Services and Workforce Survey to discover all the different models of Clinical Engineering Services, and how they are resourced. This is amidst the concerns of current trainees that there are no vacancies available for them, while Heads of Department are concerned over how they can recruit to vacancies and that their workforce age profile is skewed towards retirement age. This survey will put IPEM in a position to join up the gaps, provide information to our members, and inform the Education and Training Strategy.

And finally...

Scope survey

Would you be interested in undertaking a short survey and writing a resulting article for Scope magazine on either:

1. The use of LDR / HDR prostate brachytherapy in the UK, or
2. Trends in the use of each RT modality and associated patient outcomes in the UK? If so, please contact Usman Lula, Editor-in-Chief of Scope, at: usman.lula@uhb.nhs.uk.

BSHR free annual lecture

The British Society for the History of Radiology free annual lecture – Albert Einstein: “Relativitively” Speaking, by John Hinton and Jo Eagle – takes place on 20 February at the Governors’ Hall, St Thomas’ Hospital, London. Admission is by ticket only and please contact Dr Arpan Banerjee atarpankb007@gmail.com by no later than 15 February.



For more information, see www.ipem.ac.uk
or telephone 01904 610821 or email office@ipem.ac.uk

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