



IN BRIEF

Buy your tickets for the Members' charity concert [here!](#)

Last few opportunities for IPEM roles apply [here](#)

Book your place at MPEC 2018 [here](#)

President's Update



I hope you all are enjoying this amazing weather. I was in Prague recently, representing us at the World Congress on Medical Physics and Biomedical Engineering. Prague was beautiful and it was a very interesting meeting. What was pleasing to me was how much IPEM is respected and known around the world. It brought home to me how unique we are, in being an institute of both medical physics and biomedical engineering. There are very strong societies around the world, but they are one or the other. They are represented by the two world organisations - the International Organization for Medical Physics and the International Federation of Medical and Biomedical Engineering. We are members of both. There is a top table in the world which combines both of these - the International Union for Physical and Engineering Sciences in Medicine, a title not so unlike ours. IPEM is very much involved with the running of this organisation, having almost 50 per cent of its council as our members, including the Vice President.

Congratulations all round!

A number of members are due congratulations for appointments on the international front this month:

- Fellow Dr Slavik Tabakov, Past President of the International Organization for Medical Physics, has become Vice President of the International Union for Physical and Engineering Sciences in Medicine (IUPSEM)
- Dr Leandro Pecchia, Assistant Professor in the School of Engineering at Warwick University, has been elected as Secretary General of IUPSEM
- Fellow Professor Steve Keevil has been appointed as a Council Member of IUPSEM
- Fellow Professor David Lurie, of the University of Aberdeen, has been elected as Vice Chair of the Communication and Publications Committee of the European Federation of Organisations for Medical Physics.

Congratulations are also due to Alison Vinall, Head of Radiotherapy Physics at Norfolk & Norwich University Hospital NHS Foundation Trust, who has been made a Fellow. Finally, we would like to congratulate Professor Dame Sue Hill, Chief



IPEM LATEST

[MPE recognition scheme extension](#)

Trainee News

[Tektrotyd](#)

[STP travel grants](#)

[National Education and Training Survey](#)

Conferences

[Quantitative SPECT, 3 October in Newcastle](#)

[More 2018 conferences](#)

External events & activities

[Cancer Diagnostics: How Can HCS Contribute Towards Meeting Rising Demand](#)

[Apply for the John Maddox Prize](#)

[BNMS joint meeting with the Irish Nuclear Medicine Association](#)

Scientific Officer at NHS England, on being appointed a Dame Commander of the British Empire in the Queen's Birthday Honours.

How IPEM is working for you

The Little Linac project is officially underway!



There is some exciting news to tell you about - our order for the Little Linac construction toy has now been placed! We hope to take delivery of them in time for an official launch at MPEC 2018 - watch this space!

Members' charity concert

We are now selling tickets for this [event](#), which features more than 30 members performing to raise money for the Little Linac project, and to celebrate 70 years of the NHS. Taking place on the evening of Members' Day during [MPEC](#) at the Early Music Centre in York, this promises to be the highlight of IPEM's year. Come along and admire the musical talents of your fellow members as they play (piano, sax, bagpipes etc) and sing (songs ancient and modern) in celebration of the NHS and in support of children undergoing radiotherapy.

Online CPD record

After consultation with members, we have purchased the [MyCareerPath](#) system run by the Engineering Council for all our CPD registrants, and any member who wishes to use it. The system is being installed and tested now and will be ready for use by members very soon.

IOPP/IPEM e-books series

Two books in the e-books series have now been published and we are expecting a further ten to be published this year. For a limited time period only, IPEM's publishing partner, the Institute of Physics Publishing, is offering IPEM Fellows and Full Members free access to the e-books series "Series in Physics and Engineering in Medicine and Biology" for their personal use. You can access the two books currently published [here](#).

Webinar pilot

We have agreed to trial a partnership with IOP Publishing to run educational webinars for members and others. Aimed at a world-wide audience, similar events have attracted several hundred participants. The first topics are being prepared now, but if there is a topic you would like to see featured in a future webinar, please let us know by emailing conferences@ipem.ac.uk.

IPEM mentoring scheme

[Medical Physics International](#)

[Healthcare Science Degree Apprenticeship programme](#)

[European Nuclear Mobility Fund](#)

[Advancing Healthcare Awards Northern Ireland](#)

IPEM Journals Pick of the month

[Physics in Medicine and Biology](#)

[Feasibility study of Fe₃O₄/TaO_x nanoparticles as a radiosensitizer for proton therapy](#)

[Physiological Measurement](#)

[Characterization of cardiorespiratory phase synchronization and directionality in late premature and full term infants](#)

[Medical Engineering and Physics](#)

[A novel stability-based EMG-assisted optimization method for the spine](#)



The mentoring scheme is now open for business and IPEM is initially recruiting from the Fellowship for mentors. Any Fellow wishing to volunteer should complete the volunteer application form. Once accepted, there is a short on-line training programme to complete. Any member, whatever their grade of membership, can apply to be allocated a mentor by simply completing the application form and returning it to Membership and Training at the IPEM National Office. Mentor and mentored person will be matched in the first instance by the Chair of the Fellowship Panel, Stephen O'Connor. IPEM will fund travel costs within the UK, but not accommodation, for the first meeting if this is the preferred option. However, it should be remembered that various video link applications are available. Full details of the mentoring scheme are available [here](#). If you have any questions related to the scheme, please email Stephen via membership@ipem.ac.uk.

Opportunities with IPEM

Contributing to a professional role or group in IPEM is a good way to develop new skills, network with new people, and enhance your CV. There are still a few vacancies for roles starting in September – you can see them and apply [here](#).

New bioengineering portal

IPEM has collaborated with IET and IMechE to create a shared website for information about bioengineering events, careers and issues. The portal, hosted on the IET website but run by all three organisations, was launched by IPEM President Mark Tooley at the Peter Wells Memorial Lecture in May. If members have any information they want to share about events or careers in bioengineering, they can send it to communications@ipem.ac.uk and we will upload it to the portal.

IPEM brokerage scheme

IPEM is piloting a brokerage scheme, matching members who can offer work experience, departmental visits, project work or other opportunities, with people seeking such opportunities. These are often young people interested in relevant careers, or people considering a move from industry to the NHS or vice versa. If you can offer such an experience, however long or short, and wherever you currently work, please email sean@ipem.ac.uk to add your details to our database.

Annual Review 2017

The Annual Review has now been published on the [website](#). If you would like to receive a hard copy of it you can register for it now by clicking [here](#). This link takes you to 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 2017 Annual Review", scroll down to the end of the list and press "Save". We will then post a copy of the Review to you.

MEP improves its impact factor

IPEM's Medical Engineering and Physics journal, published by Elsevier, has seen its impact factor rise by five per cent, from 1.819 to 1.923, placing it 44th out of 78 titles in the Engineering, Biomedical category.

And finally...

A new look newsletter will be coming out next month, so watch out for it in your inbox!



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