April 2018

IN BRIEF
See the final outcome of the governance review here
Read our position statement on Wholly Owned Services here
Apply for a range of IPEM prizes and awards now
Registration for MPEC - including the free Members’ Day - is open

President’s Update
I hope you all had a good Easter break and are enjoying the warmer weather, a welcome relief from the cold spell. Last week the Board of Trustees approved the new governance framework. I think this is very exciting, you can read the details by logging into the members’ area of the website and you will hear more about the revised structures in the coming weeks. The new structure has taken the needs of members on board and means IPEM will be much more able to meet its objectives in a more timely, efficient manner. Planning for MPEC is going well and please note the second call for papers. The Members’ Day will be very good and the end of that day will see the members’ concert at the York Early Music Centre, which is raising money for the model linac kits for children. Finally, may I remind you about the Peter Wells Memorial Lecture given by Professor Alison Noble in London on 23 May.

How IPEM is working for you

New opportunities
IPEM’s governance review is now complete, and places in the new committee structure will be advertised very shortly. These include FOUR member places on each of the Councils, SIX places for engineers on the new Engineering Policy and Standards Panel, and the new post of Vice President Medical Physics. Why not apply to lend your weight to IPEM’s work?

Apply for prizes and awards
A variety of prizes and awards are available to help with professional development - more here. The deadline for Gold Medal awards, Early Career prizes, the Spiers’ Prize for Outreach, and the Roy Ellis Patient Benefit award is Monday, 30 April.

MPACE update
Work is well underway to develop accreditation for clinical engineering and physical science services. The project will now select pilot services to participate in the development stage. More here.

Little Linac project update
The Little Linac project, which aims to give every child undergoing radiotherapy a set of model bricks to help reduce their stress by being able to build the machines used for their treatment, is on course to be
formally launched at MPEC in September - watch this space!

**MPEC registration now open**
Registration for MPEC 2018, which is being held from 18 - 20 September at York Racecourse, is now open. The free Members’ Day is being held on the first day and that evening a charity concert by members is taking place to raise money for the Little Linac project.

**Mentoring scheme to be launched**
The recent IPEM survey highlighted that some members would like to have a mentor, whilst others would be prepared to give their time to be a mentor. In response, a mentoring scheme is now in the early stages of development. A short on-line training programme will be a requirement for prospective mentors before they are able to join the scheme. In the first instance, we will be looking for IPEM Fellows to apply for the role of mentor. Any questions should be directed to Stephen O'Connor, Chair of the Fellowship Panel, via office@ipem.ac.uk. If you are a Fellow and you would like to apply to be a mentor, contact jo@ipem.ac.uk.

**Brokerage scheme**
Expressions of interest are coming in about the planned brokerage scheme, to match members who can offer work experience, departmental visits, project work or other opportunities, with people seeking such opportunities. If you can offer such an experience, please email sean@ipem.ac.uk to add your details to our database.

**International Women in Engineering Day**
Remember to nominate a colleague for International Women in Engineering Day (23 June). This year’s theme is ‘Returners or Transferrers’ - women who either returned after a break of at least 18 months or transferred to engineering from another sector. To nominate someone contact eva@ipem.ac.uk.

**Workforce Intelligence Unit**
A nuclear medicine workforce survey will be sent out in the coming weeks, so please look out for it. We have been working with the British Nuclear Medicine Society and SCoR to combine efforts and minimise the time physicists spend completing workforce surveys while maximising responses.

**And finally...**
Member Aaron Huckle has been leading a charity project in Sierra Leone this month as part of Operation Steadfast. This provides practical help at the Jewels Model Academy School to help boys and girls to gain the best start in life. For more information, visit www.operationsteadfast.co.uk.

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

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**External events & activities**

- **Apply for the RAE Visiting Professors Scheme**
- **HRA Radiation Assurance update**
- **EFOMP policy statement on medical physicists and MPEs under 2013/59/EURATOM**
- **AAMI/BSI International Conference on Medical Device Standards and Regulations**
- **ECMP 2018 scientific sessions**
- **Science Media Centre: Introduction to the news media event at Bristol University**
- **Become a contestant on Mastermind!**

**IPEM Journals**

**Pick of the month**

- **Physics in Medicine and Biology**
  - In vivo optoacoustic temperature imaging for image-guided cryotherapy of prostate cancer
- **Physiological Measurement**
  - Automated skeletal tissue quantification in the lower leg using peripheral quantitative computed tomography
- **Medical Engineering and Physics**
  - A computational framework for simultaneous estimation of muscle and joint contact forces and body motion using optimization and surrogate modeling