

MATHEMATICAL MODELLING IN PHYSIOLOGY: BIOMEDICAL APPLICATIONS

MOSCOW INSTITUTE OF PHYSICS AND TECHNOLOGY
RUSSIA, 21–24 MARCH 2016



Call for participants

Application and Deadline: *The full application must be completed and submitted by 17 January 2016 to E.Boileau@swansea.ac.uk*

Notification of Acceptance: *Applicants will be notified by email after 21 January 2016*

Eligibility Criteria:

- Applications must be submitted before the above deadline using the Researcher Links application form that can be found with this document.
- Participants must be early career researchers: 'early career researchers' are defined as holding a PhD (or having equivalent research experience) and having up to 10 years post-PhD research experience.
- Participants must have a research or academic position (either a permanent post, research contract, or fellowship, etc.) at a recognised research institution in the UK.



RESEARCHER
LINKS



*Under the Researcher Links scheme, the British Council and the Russian Foundation for Basic Research, we will be holding a workshop on 'Mathematical Modelling in Physiology' in Moscow between 21–24 March 2016. The workshop is being coordinated by **Perumal Nithiarasu** (Swansea University, Professor and Head of Zienkiewicz Centre for Computational Engineering, UK) and **Igor Efimov** (Professor and Director of Human Physiology Laboratory, Moscow Institute of Physics and Technology, Russia, Alisann & Terry Collins Professor and Chairman, Department of Biomedical Engineering, George Washington University, USA), and will have contributions from leading researchers from the UK and Russia. *We are now inviting early career researchers from the UK to apply to attend this workshop.**

The workshop will provide a unique opportunity for sharing research expertise on mathematical modelling techniques essential for studying human physiology and biomedical problems at the organ and human body level. The main themes will cover various aspects of mathematical models in physiology and translational medicine, models of the heart, vascular and immune systems, including patient-specific modelling, and applications for diagnosis and treatment. We are particularly keen to receive applications from medical doctors, physiologists and/or biologists with a relevant background in modelling. During the workshop early career researchers will have the opportunity to present their research in the form of a short oral presentation. In addition to research seminars, the workshop will include networking sessions, where researchers will be able to interact and explore opportunities for collaboration.

We will cover the costs related to the participation to the workshop, including: economy travel (international and local), accommodation and meals. Costs for the visa will be covered; however participants will be responsible for making all the necessary arrangements. Participants are encouraged to purchase an adequate travel and medical insurance, but this cost will not be covered.

For more information, contact Igor Sazonov (I.Sazonov@swansea.ac.uk) or Etienne Boileau (E.Boileau@swansea.ac.uk).