

VPH 2010: Registration and Call for Abstracts

CONFERENCE WEB SITE

<http://www.vph-noe.eu/vph2010>

KEY DATES

Early Bird Registration of Euro 280 by 31st July!

Deadline for abstract submission: 1st May 2010

Authors Notifications: 30th June 2010

KEYNOTE SPEAKERS

Professor Aleksander Popel, Johns Hopkins University

Professor Nadia Rosenthal, European Molecular Biology Laboratory Monterotondo

Professor Norbert Graf, University Hospital of the Saarland

Professor Janet Thornton, European Bioinformatics Institute, Cambridge

MEETING INFORMATION

The Virtual Physiological Human Network of Excellence ([VPH NoE](#)) will hold the first of a series of VPH Conferences (VPH2010) on 30th September to 1st October, 2010. The first meeting will be held in Brussels, Belgium, and is supported by the European Commission ICT for Health / DG Information Society and Media. The Virtual Physiological Human Network of Excellence is an umbrella project representing the Virtual Physiological Human Initiative set up by the European Commission with a budget of ~ 350 million Euros for the Framework 7 Program. The VPH NoE is also responsible for producing a '[VPH Vision and Strategy Document](#)' to inform the next calls for the VPH field for FP7, FP8 and for European large infrastructural actions.

The meeting on 30th September - 1st October will be dedicated to the VPH Initiative, bringing together key representatives from VPH groups, Industry and Clinics. The first meeting is designed to be a relatively small meeting up to a maximum of 200 participants with high profile key speakers and will contain the very best of VPH research. Parallel sessions will be held on both days with proposed topics in four main themes; Organ Systems, Modelling Scales, Research Methodology, Application Domains and Data Access and Information Assurance. We anticipate increasing the size and scope of the VPH conference in subsequent years.

After the meeting, we will publish the best VPH2010 papers in [Interface Focus](#) in 2010 .
Interface Focus is a new themed journal of the successful [Royal Society Interface Journal](#). It

currently produces 6 Focus issues per annum, as a "supplement" to Interface. However, effective at the beginning of 2011, Interface Focus will become a free standing Royal Society journal and the VPH2010 issue will be one of its first publications.

Registration will be on a first-come, first-served basis, unless applications exceed the meeting's capacity, in which case active participation (submitted abstract) will be considered. Please click here for [online registration](#).

CALL FOR ABSTRACTS

Submissions for posters or for oral presentations are welcome. Both kinds of submissions will be subject to the same reviewing process. Contributors are asked to submit abstracts rather than full papers. Submitted abstracts will be selected for inclusion in VPH 2010 by the VPH 2010 Program Committee for:

- Inclusion as an oral presentation and Invitation to submit a full paper for possible inclusion in the Interface Focus Issue
- Inclusion as an oral presentation and/or
- Inclusion as a poster or
- Not suitable for inclusion

Talks and posters will appear in electronic format on the conference web pages via the VPH NoE website.

The submission should be no more than 2 A4 pages of text (1800 words) or up to three pages if it includes diagrams, tables and references, with the extra space devoted to these and any captions. Font size should be no smaller than 10 pt Times New Roman with 2.5cm margins. All pages should be numbered and diagrams and tables should be positioned in their proper place in relation to the text, ensuring that the total contribution does not exceed 3 pages. Authors invited to prepare full manuscripts for submission to Interface Focus will also need to adhere to a further schedule for submission and review; final copy will be required by 15th February 2011.

CONFERENCE THEMES

Contributions are invited in, but not limited to, the following areas and topics:

Organ Systems

Neuromusculoskeletal

Cardiovascular

Lymphatic and immunological

Dermatological

Respiratory

Endocrine-metabolic

Other

Modelling Scales

Population-organism modelling

Organism-organ modelling

Organ-tissue modelling

Tissue-cell modelling

Cell-molecule modelling

Research Methodology

Data management

Numerical methods and modelling tools

Experimental methods for models validation

Probabilistic and adaptive methods

ICT for integrative modelling

Multiscale visualisation and data processing

Application Domains

Systems physiology research

Systems Biology research

Screening, monitoring and diagnosis

Pharmacology and drug development

Medical devices design and testing

Model assisted planning and treatment

Mechanisms and models of disease

Data Access & Information Assurance

Ethics/Data privacy and security

Intellectual property rights

Accessing and sharing of medical data: technical, personal, legal and policy perspectives

We anticipate the possibility of a space for exhibits and demonstrators. If you would be interested in representing your project, organization or company at this conference at a booth then please contact the conference organizers.

Please refer to the [conference website](#) for further details and instructions. If you have any questions regarding abstract submission or registration please contact the VPH2010 Conference Team at vph2010@ercim.eu

On behalf of the

VPH2010 Scientific Committee:

Peter Coveney, University College London (Chair)

Marco Viceconti, Istituto Ortopedico Rizzoli, Bologna

Vanessa Diaz, University College London

Peter Hunter, University of Auckland

Peter Kohl, University of Oxford