VPHi Keynote Webinar Series

VPH Institute
Building the Virtual Physiological Human

9 Sept 2015, 12 CET/ 11 UK Time
Duration 60 minutes
Sign up on Gotowebinar: http://tinyurl.com/VPHi-webinar

Use of OpenCOR and the Physiome Model Repository (PMR) for simulation of CellML models

Presented by Prof Hunter, University of Auckland
Moderated by Prof Noailly, Universitat Pompeu Fabra

In the webinar, Prof Peter Hunter will show how to create CELLML models from scratch and run them using the OpenCOR software.
CellML (www.cellml.org) is a model encoding standard that is used to ensure model reproducibility.
OpenCOR (www.opencor.ws) is a simulation package written by Alan Garny that is designed for authoring and running CellML models. It is freely available for Windows, Mac and some Linux platforms.
The Physiome Model Repository (PMR) is a repository of CellML (http://models.cellml.org) and FieldML models, together with associated data, that can be accessed from OpenCOR.
This talk will be based on a tutorial that covers the use of CellML, OpenCOR and PMR (see www.cellml.org/getting-started/tutorials).

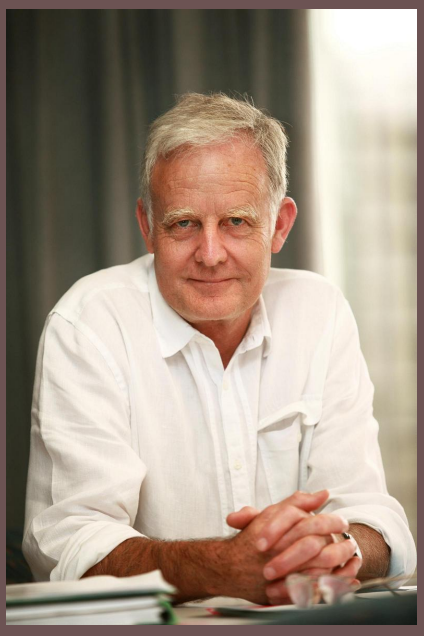
IUPS Physiome Project → cellML → OpenCOR → VPH-Institute

The Webinar series is a quarterly event organized by the VPHi Student Committee that features high-profile members of the VPHi community.

The series provides a forum for access to senior community members and their expert competence for chiefly young scientists, but also to the VPH community as a whole.

To stay tuned on future events, subscribe to the VPHi newsletter: www. vph-institute.org

Prof Peter Hunter - FRS



Founding member of the VPH Institute, Peter Hunter is currently distinguished Professor of Engineering Science and Director of the Bioengineering Institute at the University of Auckland, Director of the New Zealand Medical Technologies Centre of Research Excellence and Director of Computational Physiology at Oxford University. He holds honorary or visiting Professorships at a number of Universities around the world.

Not a VPHi member yet? Join us: www.vph-institute.org/membership.html

"The Virtual Physiological Human will revolutionise the way health knowledge is produced,stored and managed as well as the way in which healthcare is currently delivered." European Commission