

VPHi ELECTION OF THE BOARD OF TRUSTEES 2019

Candidate List

President

One (1) Candidate, One (1) position

1. Prof Peter Hunter (*Auckland Bioengineering Institute – The University of Auckland*)



Prof Peter Hunter is Director of the Auckland Bioengineering Institute (ABI) and Deputy Director of the Medical Technologies Centre of Research Excellence (MedTech CoRE).

His research interests are in modeling human physiology using an anatomical and biophysically-based multiscale approach that links molecular processes to tissue level phenotypes.

He was awarded the Rutherford Medal and a KEA World Class NZ award in 2009 and appointed to the NZ Order of Merit in 2010. He is an elected Fellow of the Royal Society (London and NZ), Vice-President of the International Union of Physiological Sciences (IUPS), Chair of the International Academy of Medical and Biological Engineering, and Executive Chair of the World Council of Biomechanics.

Prof Hunter was one of the founding members of the VPH Institute and served as member of the Board of Directors since the incorporation of the Institute for the past eight years.

For further information: www.abi.auckland.ac.nz/people/p-hunter

Financial Auditors

Two (2) candidates, two (2) positions

1. Prof Georgios Stamatakos (*National Technical University of Athens*)



Prof Georgios Stamatakos is Research Professor of Analysis and Simulation of Biological Systems and their Interaction with Electromagnetic Radiation at the Institute of Communication and Computer Systems (ICCS), School of Electrical and Computer Engineering (SECE), National Technical University of Athens (NTUA). He is also a Visiting Professor of the Medical School, University of Saarland, Germany. From 2016 to 2019 he was a Visiting Professor at SECE, NTUA. Georgios Stamatakos is the Founder and the Director of the In Silico Oncology (ISO) and In Silico Medicine (ISM) Group of ICCS-SECE-NTUA (www.in-silico-oncology.iccs.ntua.gr).

His research interests include ISO, ISM, multiscale cancer modelling, artificial intelligence in medicine, systems biology, biomedical engineering, bioelectromagnetics, biooptics and computational electromagnetics. He proposed the concept and the system of "Oncosimulator". He pioneered the development of the Oncosimulators of several EC funded and

international projects under the Virtual Physiological Human (VPH) initiative. He was the scientific and the overall coordinator of the excellent large scale EU-US integrating research project CHIC on ISO (<http://www.chic-vph.eu/>) which was mainly funded by the European Commission. He proposed the term and the notion of in ISO. Georgios Stamatakos has co-initiated and co-organized a number of international research workshops, including the IARWISOCI series on ISO and the 1st Transatlantic (EU-US) Workshop on Multiscale Cancer Modeling (ICT 2008, Brussels 2008). He was co-editor, contributor and reviewer of the transatlantic multi-author textbook entitled "Multiscale Cancer Modeling" published by CRC Press (2010/2011). He is a member of IEEE, the VPH Institute and the Tech. Chamber of Greece.

For further information: <https://www.ece.ntua.gr/en/staff/400>

2. Prof Alfons Hoekstra (*University of Amsterdam*)

Alfons Hoekstra served as Financial Auditor of the Institute for the past 2 years (from 2017 to 2019): he was nominated for a second mandate.



Prof Alfons Hoekstra currently holds a position as Professor at the University of Amsterdam. He leads the Computational Science Lab, which is part of the Informatics Institute of the Faculty of Science.

His research focuses on multi-scale modelling and simulation, complex systems, high performance computing, and applications thereof in the biomedical domain. He has an extended track record in teaching both undergraduate and graduate students in Computational Science, Computer Science and related disciplines.

Alfons chaired the successful VPH2016 conference that took place in Amsterdam and he is currently contributing to [CompBioMed](#), a Centre of Excellence in Computational Biomedicine to nurture and promote the uptake and exploitation of high performance computing within the biomedical modelling community.

For further information: <https://www.uva.nl/en/profile/h/o/a.g.hoekstra/a.g.hoekstra.html>