

**Pablo Javier Blanco – Laboratório Nacional de Computação Científica (LNCC), Brazil**

<b>Talk title</b>	Computational Hemodynamics across the Scales. From Fundamentals to Applications
<b>Biography</b>	<p>Pablo Javier Blanco is Full Researcher at the National Laboratory for Scientific Computing (Petrópolis, Brazil), since 2009. He is Head of the Modeling Laboratory (HeMoLab) group and, since 2016, co-PI of the INCT-MACC National Institute for Science and Technology in Medicine Assisted by Scientific Computing. He has been an Affiliated Member of the Brazilian Academy of Sciences (period 2014-2018) and has been awarded productivity scholarships by Brazilian agencies (CNPq/FAPERJ). He has published 1 book and published over 80 refereed papers. His main research interests are related to the modeling of the cardiovascular system and its clinical applications, with an emphasis in the development of variational formulations and numerical methods for multiscale modeling of blood circulation and material behavior.</p>