

## Modelling and Simulation

Thursday, 19<sup>th</sup> November, 11:30-13:30

White Hall (Room C), Traian Hotel

Chairpersons: *Alexandru Morega, Dragoş Arotăriţei*

1.	<b>Numerical Simulation Comparison between Monolayer and Multilayer Flow Modulator in a Cerebral Saccular Aneurysm</b> <i>A.Sisto, A.L.Restante, B.Ait Brik, L.Preziosi, Paper ID: 40</i>
2.	<b>Developing Realistic 3D Numerical Conductivity and Permittivity Phantom of the Human Forearm from 10 Hz to 0.1 THz</b> <i>Esuabom Dijemeni, Helena Lund-Palau, Cherry Nzekwu, Paper ID: 97</i>
3.	<b>Localization and not Extent of Fibrofatty Infiltration is the Primary Factor Determining Conduction Disturbance in a Computational Model of Arrhythmogenic Cardiomyopathy</b> <i>Siri Kallhovd, Sjur U. Gjerald, Samuel T. Wall, Jørg Saberniak, Kristina Haugaa, Mary M. Maleckar, Paper ID: 170</i>
4.	<b>Improved GROMACS Algorithms using the MPI Parallelization</b> <i>Nicolae Goga, Iuliana Marin, Andrei Vasilăţeanu, Ionel-Bujorel Păvăloiu, Kamoru Oluwatoyin Kadiri, Oludele Awodele, Paper ID: 197</i>
5.	<b>Numerical Simulation of Transdermal Transport Through Iontophoresis</b> <i>Diana M. Ciuculete and Alexandru M. Morega, Paper ID: 270</i>
6.	<b>On the Thermography Mapping of Anatomic Media with Capillaries and Larger Vessels Blood Flow</b> <i>Alexandru M. Morega, Alina M. Săndoiu, Mihaela Morega, Paper ID: 271</i>

**Poster Session – Friday, 20<sup>th</sup> November, 8:00-9:30**

Room Eminescu (Room A), Astoria Hotel

7.	<b>Modeling Cardiovascular Hemodynamics in a Model With Nonlinear Parameters</b> <i>Vasile Manoliu, Paper ID: 161</i>
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