



12th International CellML Workshop  
26 & 27 March 2018  
Goldie Room, Waiheke Island, Auckland

**Monday**

**Tuesday**

<b>08:15</b>	<b>Ferry to Waiheke</b>	
09:00	Welcome & housekeeping	<b>Tools</b>
09:30	<b>CellML</b>	<i>Jonathan Cooper - Cardiac Web Lab, future directions</i>
	(?) State of the community	Hugh Sorby - libCellML
	Andre - PMR and COMBINE update	Aroli Marcellinus - Development of multi-scale biological simulation platform incorporating cellular level function based on CellML database
	Alan Garry - OpenCOR intro/overview	
<b>10:30</b>	<b>Morning tea and posters</b>	
11:00	<b>Bond graphs</b>	<b>Semantics</b>
	Peter Cudmore - Introduction to bond graph modelling techniques	<i>Max Neal - Harmonizing semantic annotations</i>
	Soroush Safaei - coupling tissue exchange models to the circulation	Koray Atalag - Semantic links between computational models and clinical/health data
	Michael Pan - Bond graph modelling of the cardiac action potential	Dewan Sarwar - Model discovery and visualising CellML semantics
	Peter Hunter - Bond graphs and finite elements for the Physiome project	David Brooks - Drawing diagrams of cell physiology models
<b>12:30</b>	<b>Lunch and posters</b>	
13:30	<b>OpenCOR user forum</b>	<b>Presenting CellML editor nominees</b>
	Finbar Argus - An OpenCOR vehicle dynamics model and the need for discrete data Input	<b>Reproducibility, modularity, reusability</b>
	Nima Afshar - Modular modelling of the enterocyte	Andre - Physiome updates: journal, portal, and standards as an aid to comprehension and sharing
	Michael Pan - OpenCOR and bond graph models	Richard Christie - Reproducibility of anatomical scaffolds
	Nurul Izza Ismail - Simulation and parameter optimization of uNK intracellular signalling pathways in OpenCOR	Alan Wu - Web tools for knowledge communication
<b>15:00</b>	<b>Afternoon tea and posters</b>	
15:30	Jagir Hussan - OpenCOR/Microbiome/Bond Graphs	<b>Introducing the SPARC MAP CORE</b>
	Soroush Safaei - OpenCOR and BGs	
	Peter Hunter - OpenCOR future directions	
	Hugh Sorby - OpenCOR, modularity, reuse	
	Alan Garry - OpenCOR details and preliminary responses	Peter Hunter - Closing remarks
	<b>16:00 Wine tasting and networking</b>	
<b>16:45</b>	<b>Depart Goldie</b>	
<b>17:30</b>	<b>Ferry to Auckland</b>	
	<b>Self-funded dinner</b>	
	<b>Zoom link for remote participation:</b>	
	<a href="https://auckland.zoom.us/j/584581272">https://auckland.zoom.us/j/584581272</a>	<i>Remote presentaton</i>