



11th International CellML Workshop
 10 & 11 April 2017
 Goldie Room, Waiheke Island, Auckland

Monday

Tuesday

08:10 Ferry to Waiheke

09:00 Welcome & housekeeping

Tools

09:30 CellML

Poul - state of the community
 Andre - CellML 2.0
 Tommy - PMR intro
 Alan Garny - OpenCOR intro/overview
 Hugh - libCellML

Gary Mirams - *Cardiac Web Lab, future directions*
 Michael Clerx - *MyoKit and related*
 Martin Scharm - *Rostock tools (and PMR)*
 (Martin | Andre) *SED-ML Web Tools*

10:30 Morning tea and posters

11:00 Bond graphs

Edmund - *BG intro*
 Nima - *Modelling of glucose uptake in the small intestine*
 Soroush - *Endothelial to epithelial and back again via the circulation system*
 Edmund/Michael - *uniting electro with chem in modelling cell physiology*
 Peter - *Implementation of Bond Graph models with CellML*

Aroli Marcellinus - *Development of CellML-based Simulation Platform for Cardiac Simulation*
 Alan Garny - *SED-ML + OpenCOR + PMR*
 Andre - *OpenCOR PMR interaction*
 David Brooks - *OpenCOR + Python*
 Alan Wu - *graphics state, WebGL*
 Alan Garny - *OpenCOR + Zinc*

13:00 Lunch and posters

14:00 Metadata and annotation

Andre - *Annotating knowledge using PMR (OpenCMISS examples, plugins)*
 Alan - *annotation in OpenCOR*
 Dewan - *Semantic annotation and discovery with CellML and PMR*
 Koray - *Detailed methodology to link CellML models to clinical data*

CellML Editor nominees

Reproducibility and e-publishing

PMR plans/future
 Curation/publication workflows
Physiome Journal

15:30 Afternoon tea and posters

16:00 Modelling Challenges (Kenneth to facilitate)

Vijay - *modelling challenges/using CellML*
 Jagir - *microbiome challenges/plans*
 Alys - *Cell-cell interactions and vascular remodelling in pregnancy*

Plans and discussion - Peter facilitating

OpenCOR Future
 Discussion and wrapup - CellML 2.0+, libCellML, annotation tools...
 Peter - closing remarks

17:00 Wine tasting

17:30 Depart Goldie

18:15 Ferry to Auckland

Self funded dinner

10 minute talk (inc discussion)

20 minute talk (inc discussion)

30 minute talk (inc discussion)

Remote presentaton