



# CellML Workshop 2012

Goldwater Estate, Waiheke Island

Monday 12 March

Tuesday 13 March

8:15 Ferry from Auckland

9:00 - 10:30  
**Andre:** Welcome  
**Poul Nielsen:** Introduction to CellML  
**Andre:** CSim, JSim

10:00 Ferry from Auckland

Morning Tea

11:00 - 12:30  
**Randall Britten:** ABI Bioengineering Software R&D update  
**Andrew Miller:** The CellML API: an update  
**Chris Bradley:** OpenCMISS  
**Ting Yu:** Evaluating the potential of using FPGAs to accelerate CellML models

**Tommy Yu:** Physiome Model Repository 2  
**David Brooks:** BioSignalML -- Putting biosignals onto the Semantic Web

Lunch

13:30 - 15:00  
**Richard Christie:** FieldML update and future directions  
**Andrew Miller:** Representing Uncertainty in CellML  
**Andrew Miller:** A Draft for CellML 1.2  
**Andre:** The Simulation Experiment Markup Language (SED-ML)

**Lukas Endler:** BioModels.net models database/MIRIAM services/identifiers.org COMBINE standards  
 Vickie Shim, Peter Pivonka, Peter Hunter &  
**Justin Fernandez:** Multiscale modelling of the bone cartilage interface  
**Shameer Sathar:** GI modelling  
**Harald Martens:** Visualizing the consequences of model changes by multivariate metamodelling

Afternoon Tea

15:30 - 17:00  
**Alan Garny:** OpenCOR  
**Akira Amano:** Description Language of Calculation Scheme for Automatic Simulation Code Generation  
**Takao Shimayoshi:** Software Environment and Technologies for Cell Physiological Modelling

**Harvey Ho:** Curate hepatology models using CellML  
**Maxwell Neal:** Capturing the biophysical meaning of model contents with the SemSim architecture  
**Mike Cooling:** discussion regarding model annotation.

17:00 - 17:30  
**Catherine Lloyd:** My life with CellML

**Peter Hunter:** Overview of recent Physiome developments

18:15 Ferry to Auckland

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Te Whare Wānanga o Tamaki Makaurau