



15th International CellML Workshop
Tuesday, 31 May 2022
Waiheke Island Resort, Auckland

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| 08:15 | Ferry to Waiheke | |
| 09:30 | Welcome and housekeeping | Andre |
| 09:35 | Introduction to COMBINE | Andre |
| 09:40 | <i>Tools for working with annotations in SBML and other formats</i> | <i>Matthias König (Humboldt-University Berlin)</i> |
| 10:00 | Morning tea | |
| 10:30 | CellML session | |
| | CellML - General background and specification update (and editors election) | Hugh Sorby & Alan Garny |
| | Introducing the BioSimulations platform | Andre |
| | Updating CellML 1.0/1.1 models to CellML 2.0 using libCellML | Hugh Sorby |
| | libOpenCOR/OpenCOR | Alan Garny |
| | CellML 2.0 - Parameter estimation | Hugh Sorby |
| 12:30 | Lunch | |
| 13:30 | Bond graph session | |
| | <i>Introduction to bond graphs</i> | <i>Michael Pan (University of Melbourne)</i> |
| | <i>Bond graph tools</i> | <i>Jagir Hussan</i> |
| | From CellML and SBML to bond graphs | Niloofer Shahidi |
| | Lightning talks | |
| | <i>Introduction to BondGraphs.jl</i> | <i>Joshua Forrest (University of Melbourne)</i> |
| | SPARC portal | Alan Wu |
| | Mathematical modelling in CellML: A case study | Anand Rampadarath |
| | SPARC mapping tools - Creation, fitting, embedding, and field fitting | Richard Christie |
| | 12 Labours CTP platform | Prasad Babarendra Gamage |
| 15:00 | Afternoon tea | |
| 15:30 | Repository session | |
| | PMR - Current status and future plans | Tommy Yu |
| | BMSE: Biosimulation Model Search Engine | Yuda Munarko |
| | BioSimulations - How to use it? | TBC |
| | Reproducibility and curation | Andre |
| | <i>The Physome journal - current status</i> | <i>Shelley Fong</i> |
| | Closing remarks | Peter Hunter |
| 17:30 | Depart Waiheke Island Resort | |
| 18:00 | Ferry to Auckland | |

Self-funded dinner

Mexican Cafe

67 Victoria St West, Auckland, NZ

Walking up from ferry terminal

Virtual presentation