



CellML Workshop 2008

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Welcome

- Over 50 participants from Australia, Japan, New Zealand, Singapore, Spain, United Kingdom, United States.
- Full day broken into four sessions:
 - 8:30-10:30 Modelling and the CellML language;
 - 11:00-12:45 CellML tools;
 - 13:30-15:00 Model libraries and curation;
 - 15:30-17:20 CellML integration with continuum modelling.
- Each session consists of:
 - 4 or 5 15-minute presentations (10 + 5);
 - followed by a 30 minute discussion.
- Sessions will be recorded for posting on www.cellml.org:
 - Text (Randall Britten and Peter Hunter);
 - Video (James Lawson);
 - Slides (please forward PDF/PowerPoint/Keynote to Catherine Lloyd).

Progress

- Strengthening the CellML community through international collaborations.
- Development of tools and processes to facilitate collaboration:
 - Physiome issue tracker (web-based management of Physiome/CellML issues/proposals);
 - New model repository (CellML 1.1 model decomposition, workflows for model submission and curation) (Tommy Yu);
 - Separation of CellML 1.1 specification into normative and informative components (Andrew Miller);
 - Annotation of CellML models with biophysical, biological, visual, ... information (Sarala Dissanayake);
 - Reference application for solving CellML models (Justin Marsh, Alan Garny);
 - New models and curation of existing models in repository (Catherine Lloyd, James Lawson).

Challenges

- Development of CellML 1.2 specification (simplicity, expressiveness, separation of core/metadata, workflows for accepting/rejecting/deferring submissions).
- CellML editors (content MathML editor, visual model development).
- Repository tools and workflows (submission, curation, modularisation, annotation).
- Appropriate form for model storage (coarse/fine grained model decomposition, separate/integrated model/metadata, CellML/OWL expression).
- Community involvement (distributed planning, cooperation, and buy-in).

Acknowledgement

- Many thanks to Catherine Lloyd who has been the primary organiser of this workshop.
- Driven all facets of the CellML workshop at macro- and micro-level.
- Thanks to all of the participants, especially those who have travelled from afar to contribute with presentations and discussions.
- The success of this workshop will be due principally to Catherine's, and your, efforts.

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