

STRINGMASTERS @ MURDOCH UNIVERSITY

October 26–29, 2015

<http://ccwaperth.wordpress.com/stringmasters>

SCHEDULE

MONDAY

Room: **ECL1.031, Building 17** (<http://maps.murdoch.edu.au/location/14601031>)

10:00 – Welcome by **Prof Glenn Hefter** – *Associate Dean of Research, School of Engineering & IT*
10:15 – **Kunsoo Park**: *Multiple order preserving matching*
11:00 – Presentation of open problems by participants
12:00 – Problem solving session
13:00 – Lunch
14:00 – Problem solving session
15:15 – Afternoon tea
15:45 – **Gary Benson**: *Bit-parallel sequence alignment algorithms*
16:30 – Close of day

TUESDAY

Room: **LL1.005, Building 26** (<http://maps.murdoch.edu.au/location/15131005>)

10:30 – **Ljiljana Brankovic**: *Genome sequencing and superbubbles*
11:15 – Problem solving session
12:30 – Lunch
13:30 – Problem solving session
15:15 – Afternoon tea
15:45 – **Fatima Vayani**: *Circular sequence comparison with q-grams*
16:30 – Close of day

WEDNESDAY

Room: **ECL2.031, Building 17** (<http://maps.murdoch.edu.au/location/14602031>)

10:30 – **Hideo Bannai**: *Runs, Lyndon words, and Lyndon trees*
11:15 – Problem solving session
12:30 – Lunch
13:30 – Problem solving session
15:15 – Afternoon tea
15:45 – **Bill Smyth**: *An elementary $O(n \log n)$ algorithm for computing runs*
16:30 – Close of day

THURSDAY

Senate Conference Room, **Building 11** (<http://maps.murdoch.edu.au/location/1425>)

10:30 – Talk by ...
11:15 – Problem solving session
12:30 – Lunch
13:30 – Problem solving session
15:15 – Afternoon tea
15:45 – Talk by ...
16:30 – Close of day

Organising Committee

- ▶ Dr Amy Glen (Murdoch University)
- ▶ A/Prof. Jamie Simpson (Curtin University/Murdoch University)
- ▶ Prof. Bill Smyth (McMaster University/King's College London)

Registered Participants

- ▶ Hideo Bannai (Kyushu University)
- ▶ Gary Benson (Boston University)
- ▶ Ljiljana Brankovic (The University of Newcastle)
- ▶ Amy Glen (Murdoch University)
- ▶ Costas Iliopoulos (King's College London)
- ▶ Kunsoo Park (Seoul National University)
- ▶ Jamie Simpson (Curtin University/Murdoch University)
- ▶ Bill Smyth (McMaster University/King's College London)
- ▶ Fatima Vayani (PhD student, King's College London)

Proceedings

StringMasters is focussed on activating research and publishing papers that emerge out of discussions at the workshops. The research output of the Murdoch edition of StringMasters will be published in special issue of the *Journal of Discrete Algorithms*.

Internet Access @ Murdoch

All visiting guests of Murdoch University who are from a university that is federated to Eduroam (<http://www.eduroam.org>) will have full access to the Murdoch wireless network. For more details, see <http://our.murdoch.edu.au/IT/Get-help-with-IT/Visitors>.