

## CAB prelaunch 16<sup>th</sup> March 2022

You are receiving this as a member of the Centre for Applied Bioinformatics

### Launch Update.

The centre launch will be on 28 March at 2pm, draft agenda below:

- 2.00 Introduction to the centre: Dave Edwards
- 2.20 Training aims: Philipp Bayer
- 2.30 Research presentation Timo Lassmann: Title TBC
- 2.45 Research presentation Nina McCarthy: Title TBC
- 3.00 Research presentation Simon Jarman: Title TBC
- 3.15 Research presentation Monica Danilevicz: Plant and crop image analysis using machine learning
- 3.30 Summary: Dave Edwards

Venue: Teams, Teams invitation to follow, and Forrest Hall (only for registered participants due to COVID)

### Calling all students!

[COMBINE](#) is a student-run Australian organisation for students in computational biology, bioinformatics, and related fields. COMBINE is the student subcommittee of The Australian Bioinformatics and Computational Biology Society (ABACBS) as well as the official International Society for Computational Biology (ISCB) Regional Student Group (RSG) for Australia. We aim to bring together students and early-career researchers from the computational and life sciences for networking, collaboration, and professional development.

Australia has many research institutes, each with their own cohorts of students. Aside from conferences, there are few opportunities that bring these students together, allowing them to discover the different kinds of research going on at other institutes. COMBINE aims to bridge this institutional divide by organising seminars, workshops, and social events, and a yearly Student Symposium. Together, these events allow students to connect with each other and build a network in a casual environment.

In addition to hosting a number of events, COMBINE maintains a list of [resources](#) that is valuable for any bioinformatician. In addition, the [COMBINE Slack](#) has an active community of users, where anyone can ask or contribute to questions ranging from programming to job opportunities.

To join COMBINE, subscribe to our [newsletter](#).

Follow us on [Twitter](#), [Facebook](#) and [LinkedIn](#)

Links are live at: <https://www.combine.org.au/>

## **PacBio data training and data generation grants.**

GenomicsWA are offering 2 day Bioinformatics Workshop for PacBio data: 29<sup>th</sup> and 30<sup>th</sup> March 2022. Max 30 participants and \$50 fee. Agenda and registration at <https://www.genomicswa.com.au/Events>.

SMRT grants: Apply before 1<sup>st</sup> April 2022 for a chance to win free Hi Fi library preparation and long sequencing on PacBio Sequel II. Apply via <https://www.genomicswa.com.au/smrt-grants>

## **NCI training.**

NCI are releasing our first course in a new series called **HPC Toolkit**, developed and delivered by our Training Officer Fred Fung. This first course will focus on efficient parallel programming using OpenMP in your codes.

We are also looking forward to welcoming back NVIDIA GPU advocate Bharat Kumar to give three data science (Python) bootcamps in the coming weeks.

Finally, we're sharing a few community events that may be of interest: a Nextflow mentorship program for bioinformatics, a NCI supported HPC-AI competition call for participation, and a ARDC TechTalk.

NCI's training information is available on our [Training page](https://opus.nci.org.au/display/Help/NCI+Training+and+Educational+Events) (<https://opus.nci.org.au/display/Help/NCI+Training+and+Educational+Events>) and now also in the national events web portal [DReSA](https://dresa.org.au/events?content_provider=NCI) ([https://dresa.org.au/events?content\\_provider=NCI](https://dresa.org.au/events?content_provider=NCI)).

## **Biology of Genomes meeting.**

The upcoming [2022 Biology of Genomes meeting](https://meetings.cshl.edu/meetings.aspx?meet=genome&year=22) currently has over 300 registered for in-person and over 70 attending virtually. May 10-14<sup>th</sup>  
Information is at (<https://meetings.cshl.edu/meetings.aspx?meet=genome&year=22>)  
Cold Spring Harbor Laboratory Meetings & Course