



3-5 July 2017
Dr Chau Chak Wing Building
(Building 8)
University of Technology Sydney

The essentials

Welcome to **#ResBaz** Sydney 2017!

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ResBaz Values

People Over Technology

We believe that community engagement is the most efficient way of teaching new complex digital skills. Training should be innovative and social - providing opportunity for upskilling as well as networking.

Open Access

We believe in open, reproducible research and providing access to as many researchers as possible. All teaching materials (and most digital tools) should be openly accessible - available to researchers who have attended the conference as well as those unable to attend. Access also carries over to visibility: using social media to engage with the broader research community and other ResBaz sites.

Diversity

We believe that innovation and key collaborations exist within diverse and open communities. ResBaz therefore opens its doors to researchers from all career stages, departments, faculties and schools. This creates ample space for interdisciplinary collaboration and mentorship.

Networking

Social media

We'd love for you to tweet throughout the event! Use **#ResBaz** and don't forget to start following your fellow attendees.

Posters

All posters will be on display throughout the 3 day event. See someone who looks like they could be a good collaborator for your research? Know how to help someone with their Researcher SOS?

- Follow them on twitter
- Stick a post-it note on a poster with some info or a question
- Keep track of your poster in case anyone adds a post it

Poster session, Monday 5-7pm

Please join us for our poster session social on Monday. This is your first big chance to network with ResBaz attendees. Come along, grab a drink and have a chat about what you've learned so far, the research you're undertaking and how you might integrate your new found skills into your work.

Play spaces Monday and Tuesday

Serious learning requires serious play. We'll have play spaces set up in the common area during the workshops so you can take a break and engage with your creative side. Pimp up your laptop with the vinyl cutter, let loose with the Lego, and make badges of your favourite research memes!

Pizza and games, Tuesday 5-8pm

Join us for pizza, beer and games oh my at UTS Library (next building over) after two big days of workshops. Giant Jenga, giant snakes and ladders, regular sized board games and video games will be vying for your attention! [Register here](#) to help us with numbers.

Festival day festivities, Wednesday

Lightning talks to share and inspire, research speed dating sessions, yoga and mindfulness sessions, a digital petting zoo in the cool tech room with a HTC Vive virtual reality instance to try out.

Wrap up drinks, Wednesday 3:45pm

Please come and celebrate the wrap up of ResBaz 2017 with a drink and a chat at Penny Lane (Level 1 of UTS Building 11). These drinks have been sponsored by Dell EMC. Dell are launching a Researcher Meet-up Series, you can sign up for these free events here: <https://www.meetup.com/ResearchHiEd>

Coffee

ResBaz is being held during the UTS break period so the coffee shop closest to the event might not be fully staffed. Just in case, here are a few others for you to try:



Program: Monday

9:00	Welcome! Location: CB08.02.Auditorium					
Room	CB08.04.010	CB08.04.009	CB08.04.011	CB08.03.004	CB08.03.002	CB08.02.002
9:20	Python - Beginner	R - Beginner (1)	R - Beginner (2)	Python - Beginner (1-day)	Open Refine	Data management and data publishing
11:00*	Morning Tea Location: Building 8, Level 3 open space					
11:20	Python - Beginner	R - Beginner (1)	R - Beginner (2)	Python - Beginner (1-day)	Open Refine Room	Data management and data publishing
1:00*	Lunch Location: Building 8, Level 3 open space					
2:00	Python - Beginner	R - Beginner (1)	R - Beginner (2)	Python - Beginner (1-day)	Overleaf	Web scraping
3:00*	Afternoon Tea Location: Building 8, Level 3 open space					
3:20	Python - Beginner	R - Beginner (1)	R - Beginner (2)	Python - Beginner (1-day)	Overleaf	Web scraping
5:00	Poster social Building 8, Level 3 open space					

*times may vary depending on your workshop

Program: Tuesday

9:00	Keystory: Charmaine Tam Location: CB08.03.Lecture Theatre					
Room	CB08.04.010	CB08.04.009	CB08.04.011	CB08.03.004	CB08.03.002	CB08.02.002
9:40	Python - Beginner	R - Beginner (1)	R - Beginner (2)	R - Advanced	Data Viz with D3.js	Excel Fu: excel for researchers
11:00*	Morning tea Location: Building 8, Level 3 open space					
11:20	Python - Beginner	R - Beginner (1)	R - Beginner (2)	R - Advanced	Data Viz with D3.js	Excel Fu: Excel for Researchers
1:00*	Lunch Location: Building 8, Level 3 open space					
2:00	Python - Beginner	R - Beginner (1)	R - Beginner (2)	R - Advanced	Community mapping tools	Excel Fu: Excel for Researchers
3:00*	Afternoon Tea Location: Building 8, Level 3 open space					
3:20	Python - Beginner	R - Beginner (1)	R - Beginner (2)	R - Advanced	Getting Started with Data Visualisation (presentation)	Excel Fu: Excel for Researchers
5:00	Pizza and Games @ UTS Library					

*times may vary depending on your workshop

Program: Wednesday

9:00	Welcome to ResBaz festival day					
9:05	Keystory: Jason Ensor (WSU) Location: CB08.02.Auditorium					
9:35	Jonah Duckles (Software Carpentry) Location: CB08.02.Auditorium					
10:00	Lightning Talks Location: CB08.02.Auditorium <ol style="list-style-type: none"> 1. Opening up our data with minimal fuss (Gerard Devine, WSU) 2. Supporting research writing with Academic Writing Analytic (AWA) tool (Shibani Antonette, UTS) 3. Building publication-quality graphics in MATLAB (Calvin Eiber, University of Sydney) 4. GGplot and The Grammar of Graphics (Ned Haughton, UNSW) 5. The implementation of networks in ecology (Aniko Toth, Macquarie University) 6. A Cave Survey Data Repository in 1000 Lines (Mike Lake, UTS) 7. Testing ideas through prototypes in co-design (Carlos Alvarez, UTS) 					
10:45	Morning Tea Location: Building 8, Level 3 open space					
11:00	CB08.04.010 <i>Industry stalls and tech room</i> Drop in to talk to industry experts and try out new tech!	CB08.04.009 <i>Networking session</i> Research Speed Dating session 1: Find your next collaborator (All welcome)	CB08.04.011 <i>Researcher Wellbeing</i> Yoga Must sign up beforehand	CB08.03.004 <i>Researcher workshop</i> Dynamic Network Modelling in R (Trisha Nowland)	CB08.03.002 <i>Research and tech talks</i> 11:00 Translational Data Science at the University of Sydney (Jared Berghold, Sydney Informatics Hub) 11:30 Innovation & Artificial Intelligence (Alastair Cousins, Senior	CB08.02.002 <i>Researcher workshop</i> Customary Knowledgebase (Emma Barnes)

					Solutions Architect, ML and AI services on AWS.)	
12:00	Lunch Location: Building 8, Level 3 open space					
12:45	CB08.04.010 <i>Industry stalls and tech room</i> Drop in to talk to industry experts and try out new tech!	CB08.04.009 <i>Networking session</i> Research Speed Dating session 2: Find your next collaborator (All welcome)	CB08.04.011 <i>Researcher Wellbeing</i> Mindfulness		CB08.03.002 <i>Research and tech talks</i> AARNet eScience services - reconnectable LEGO for the curious (Guido Aben, AARNet)	CB08.02.002 <i>Researcher workshop</i> Evernote for Academics and Scrivener for Thesis Writers (Sarina Kilham)
14:00	Lightning Talks Location: CB08.02.Auditorium <ol style="list-style-type: none"> 1. Many potential predictors, which one to use? BART's approach - Bayesian Additive Regression Trees (Antonio Mendoza Diaz, University of Sydney) 2. Fast Big Data Processing via Randomized Hashing (Wei Wu, UTS) 3. How to detect falls in elderly by using small wearable sensors? (Edy Suardiyana Putra, Macquarie University) 4. Understanding Osteoarthritis and Transport, from Biosystems to Molecular Interactions (Lucy Ngo, UNSW) 5. New Tricks, Old Problems with Digital Panoramic Radiographs (Antonia Scott, University of Sydney) 6. Climate Change and Accounting (Zahra Borghei, Macquarie University) 7. Too many destinations to visit: Tourists' dilemma? (Nguyen Thai, University of Sydney) 8. The fallacy of graphing: When graphs do not represent statistical findings (Christopher Kilby, Macquarie University) 					
15:00	"Technology supporting computational research – Continuing the conversation" Derek Knox, Dell EMC Location: CB08.02.Auditorium					
15:20	Thank you Location: CB08.02.Auditorium					
15:45	Wrap up Party!! Sponsored by Dell. Location: Penny Lane					

Wifi

Option 1: Eduroam

If your institution has access to Eduroam, you should be able to connect to that network.

Option 2: ResBaz network

SSID: ResBaz

Username: utsresbaz

Password: resbaz17!

1. Click on the SSID on a wireless device and you'll be immediately connected to the network
2. Open a browser and type in desired URL. In the pop-up window, type in the username and password. You'll be redirected after 10 seconds.

Feedback

We value your feedback and want to deliver the best possible events for researchers. Please take some time to give us feedback using this online form: <https://redcap.sydney.edu.au/surveys/?s=DRPJHDN3X9>

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