

# RVSS 2019 - Information booklet

## What to expect

The summer school is a relaxed but intensive week long school. The school is very much about `robotic vision' rather than either `computer vision' or `robotics'. The workshop sessions, where students directly program a small robotic vehicle, is an integral part of the program. Working with real robots is always time consuming and exasperating - so come prepared for some difficult sessions trying to get systems to operate, code to compile, and cameras to work. The various presentation sessions range across a wide range of topics and a wide range of styles to try to keep things interesting. Finally, the people you meet and talk with will end up as part of your scientific network, so be open about what you are doing, and keep in touch with people after the workshop.

## Personal

**Clothing:** The weather on the south coast of NSW can be variable. Please ensure that you bring adequate clothing for both hot and cool weather, swimming costume, a hat, sunscreen and insect repellent. You may wish to attend a range of social activities, including a bushwalk and sporting activities, so please bring appropriate comfortable and sensible footwear and clothing.

**Toiletries:** Please bring all toiletries as none will be available on site and the local shops are a 4km walk away.

## Accommodation

**ANU Kioloa Coastal Campus** is a remote basic dormitory style accommodation with up to 6 in a room. Generally senior people will be sharing twin room. Camping is allowed and tents can be pitched around the buildings. If you decide to camp please bring all your own equipment including linen. You will still share the facilities of your allocated room.

There is very very limited mobile phone reception at Kioloa. You only really get good reception if there is the right sort of cloud in the right place at the right time.

Main presentation room is lecture style seating without tables - you will need to write on your lap - you may wish to bring a clipboard or similar. Tutorial session will use laptop computers - again working on your lap. Power will be provided powerboards with Australian plug fittings throughout the room.

The venue is not air-conditioned. It is open to cooling breezes please bring cool comfortable clothes.

Your accommodation booking includes a linen pack which includes a pillow, pillow case, sheets, blanket and towel. If you wish to swim please bring a beach towel. Note that we are required to **check out by 9am** on the Friday morning.

**Catering:** All meals are included with your registration from Sunday afternoon tea to Friday lunch. All meat provided is halal. Other dietary requirements are catered for as long as you have informed us in advance.

## **Transport**

### **Getting There:**

ANU Kioloa Coastal Campus is a 2.5-3 hours drive from Canberra or a 3.5 drive from Sydney and is on the South Coast of NSW. The chartered buses leaving Canberra at 11am and 2pm will stop for approximately 20 minutes at Braidwood Bakery. This is about half way. Please note that the road from Braidwood to Batemans Bay is narrow and winding in sections and care should be taken if you drive yourself. There is plenty of parking at the campus for people driving to Kioloa.

**Bus: ANU Pickup** - The Murrays bus (white bus with green 'Murrays' on the side) will arrive 15 minutes before the departure time at the corner of North Road and Daly on the ANU Campus at 10.30am and 1.30pm on Sunday, 3 February and returning on Friday to the ANU at approximately 6.00pm.

**Bus: Canberra Airport Pickup** - The Murrays bus (white bus with green 'Murrays' on the side) will be leaving from outside the baggage claim hall on the ground floor. Please head to the U shaped road. The bus will arrive about 15 minutes before the departures times at 11.00am and 2.00pm and the bus will have RVSS 2019 on the bus. Please see bus map for more details.

## **Weather**

February in Australian is generally hot with the average February daytime temperature of 24°C and overnight average of 18°C. The average number of wet day in February is 15.

## **Swimming**

The local Kioloa beach is an ocean beach and can be hazardous due to strong rips. If you are not an experienced and strong swimmer be very cautious. Never swim alone. There is a safe beach (in most weather) nearby that is in walking distance. Please bring a beach towel if you plan to swim (there are limited towels available for international travelers).

## **Wifi**

The Wifi at Kioloa is slow and can be unreliable, we recommend downloading essential programs and files before arrival

## **What is provided:**

- Accommodation from Sunday, 3 February to 2.00pm, Friday, 8 February. You may arrive at Kioloa from 1.30pm.
- Linen pack for each person: Pillow, pillow case, doona, sheets, face washer.
- Limited Beach towels on request.

- All food and drinks including soft drink, beer, cider and wine. There are no clubs, pubs or late opening shops with 50km. We ask that everyone is considerate of others religious beliefs and sensitivities in the consumption alcohol - drink what you want, but no drinking games or unruly behaviour.
- A Coffee machine to make your own coffee.
- Robotic Vision t-shirt and water bottle
- Local Australian wildlife eg: Kangaroos, possums, native parrots and birds, blue tongue and shingleback lizards

## **Things to be aware of:**

### **Heat and Sun:**

- Don't get sunburnt.
- Wear a hat and long sleeves (light shirt). Wear sunscreen, and be aware and responsible.
- Don't get dehydrated.
- Keep drinking water. If you start feeling sick in the stomach and don't want to drink - it may be dehydration. If you don't need to go to the toilet in the evening as much as normal - then you didn't drink enough water during the day. If you are exercising and sweating a lot in hot temperature you may need to drink 1 litre or more per hour.

### **Swimming and Rips:**

- Don't swim in a rip.
- Learn how to recognise a rip so you don't end up swimming in a rip by mistake. Read the rip information before getting in the water.
- Kioloa provides a surfboard that can be taken to the beach with any group of swimmers. If you are concerned - keep someone on shore with the board who can bring the the board out to help a person in trouble. People don't drown sitting on a surfboard - even if it takes a hour to paddle around the rip and back to shore.
- Be careful of steep beaches where the waves break directly onto the sand or onto very shallow water. Getting heavily dumped directly onto sand can break bones.
- Don't swim by yourself unless you are confident of managing the surf.
- The southern end of the beach to the north of Kioloa ocean beach is much safer than directly in front of the campus. Still dont swim along.

### **Sharks**

- Don't get eaten.
- In general, the Kioloa beach is not a well known shark area and the risk of shark attack is negligible.

### **Snakes**

- Don't get bitten.
- Snakes generally stay away from humans and you won't see them even if you walk quite close to where they are. Watch where you are walking when you walk through bush - it is best not to actually stand on a snake.

- Avoid walking through long grass or where you can't see where your feet land. If you do walk through long grass, walk a bit slower.
- If you see a snake, stop then back off without panicking. Find another way to go - don't try and get the snake to move. Almost all snake bites occur when people try to either kill a snake or get it to move off a track.
- If you do stand on a snake - get off and move away quickly. This generally happens without you having to think about it.
- If you do get bitten. Move away from the snake, send someone to get help, lie down and relax, raise the limb that was bitten. Snake venom is mostly transmitted by the lymph system which is primarily pumped by muscle contraction - don't move too much and the venom does not progress quickly to your system. If someone knows how, then get them to apply a compression bandage to the bitten limb to further slow the lymph action. Do not use tourniquet. **Don't** run back to the conference centre. If you take these precautions most grown humans will survive a snake bite even without antivenom. However, we will get you to hospital just in case. It is best not to get bitten in the first place.

### **Spiders**

- Don't get bitten.
- Don't walk around in bare feet after dark. Trapdoor spiders live in the grass fields around the conference centre. During the day is perfectly safe.
- Redback spiders live in old wood piles. Be a little careful handling wood around the fire.

For further information please contact: Carol Taylor, RVSS Administrator:  
[carol.taylor@anu.edu.au](mailto:carol.taylor@anu.edu.au)

**For more information please see the RVSS [website](#) :**

Program

What to pack

Map of Kioloa

Map of Local area

Bus Map - Canberra Airport

Workshop/Tutorial info

Setting up compute pre-requirement for RVSS