Accessing a Remote Laboratory

Remote Lab Instructions

V11.2
Accessing a Remote Laboratory

Overview
The EIT lab hosting platform, Electromeet, allows students to remotely control lab computers in real time, using Guacomole. Electromeet utilizes a scheduling system, so students can have pre-planned access to the lab they require, when they need it.

Once connected, students will have access to a wide range of engineering software and connected hardware, which will be used in practical assessments throughout their course.

These instructions will assist with creating an account, and logging into a remote laboratory.

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Before Starting

1. Google Chrome is the most optimal browser to use for the remote laboratories. You only need Google Chrome in this new iteration of the labs.

2. Understand that the remote laboratory is a public space. Do not enter any sensitive details into the remote laboratory.

Creating a new user account


2. Agree to the terms and conditions popup.

3. Select ‘Create an account’.
4. Enter all your details, and then select ‘Register’. The ‘Register’ button will start glowing once this is complete.

**Please note** – a warning will automatically update live regarding what you enter. The main issues that occur are how the passwords must be exactly the same, and how the username must be unique. Refreshing can sometimes fix any potential issues.

5. You can then log into the remote laboratories with your details.
**Booking a Laboratory Time**

Electromeet’s remote laboratories have upgraded to a booking system.

This has been done for your convenience to ensure you don’t have to wait for someone to leave a laboratory.

An hour is committed to each time booked, yet multiple sessions can be booked ahead of time if required.

1. Navigate to [https://lab.electromeet.com/](https://lab.electromeet.com/). Use your previously created account details to login, or make a new account.

2. You will be automatically transferred to the laboratory list when you log in, but if not, then select the tab ‘Book and Access Labs’.

3. Find the laboratory that meets your needs, and then select the calendar symbol beside it to book a time. The WiFi signal on the left of the lab indicates the connection speed. If it is low, then the laboratory may be stationed in a different country. It is preferable to choose a strong signal lab.
4. The laboratory is comprised of a timetable schedule. The below diagram defines each item.

Please note - the time zone of the labs are automatically detected from your location. Alternatively, if you are using a VPN, you are able to select your location from the dropdown menu at the top of the lab.

Creating a Laboratory Booking

If you wish to create a laboratory booking, simply select a free time slot.
If it is successful, a green block will appear with your lab time added.
Deleting a Laboratory Booking

If you wish to delete a laboratory booking, select the trash can icon besides the booking.

Viewing Your Booking

To view your bookings, select the tab “Scheduled Labs”.

All your bookings are subsequently listed.
Please note – Labs booked on the same day will not show up on the schedule.

An email reminder will also be sent 10 minutes before the laboratory is available.

Accessing the Laboratory

1. When your booked lab time arrives, the computer icon next to the laboratory will transform into a selectable button.

2. The Remote Laboratory will appear on the screen.

Closing a Remote Lab and Taking Files off the Lab

Once you are finished with a lab, you must complete the following.

Make sure that you have deleted your project files off of the Lab before exiting.
Not doing this could result in a plagiarism strike – Please do this 10 minutes before your lab time concludes.

1. Open the project file that you have developed in the labs.

2. Use the top left button of the lab to take a screenshot.

3. A screenshot will automatically download onto your computer. You can use that screenshot on your assessments.

4. Delete your project file, and close the Remote Lab window.
Support
If you have any further issues with the lab, feel free to contact either your Learning Support Officer (LSO), or contact us via our contact form: https://lab.electromeet.com/support.