

# Getting connected

Use Ethernet for stationary devices and tuermeroam for portable ones. If you can't use either, use the OIH WLAN.

- tuermeroam WLAN
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# tuermeroam WLAN

**tuermeroam** is our flagship network, which we host together with the other three towers. By connecting to tuermeroam you will be able to access the internet in every tower.

You should have received a username and password from the NetzAG. If you haven't, please [contact us](#).

## What devices is this meant for?

You should use tuermeroam on laptops, tablets, phones and all other devices that support it. It covers the largest area and is generally the most stable

## How do I connect?

### Android

Use the PWD authentication method when connecting to the network. You'll simply have to enter your username and password.

### Windows

Use EAP-TTLS with PAP. Enable certificate validation for server "; oih.rwth-aachen.de" with the ISRG Root X1 certificate authority. You will need to enter your username and password again. [Learn more... \(tutorial\)](#)

### MacOS and iOS

Install this profile file and enter your username and password: [tuermeroam.mobileconfig](#).

### Linux

Don't waste your time on anything else, just use PWD. You'll figure the rest out, I believe in you^^



# OIH WLAN

**OIH** is our compatibility WLAN. It's intended for devices that don't support neither tuermeroam nor Ethernet.

## What devices is this meant for?

**OIH** is at times unstable. Use it only if you don't have any other way of getting your device online.

Smart home devices such as Amazon Echo/Fire TV, Apple TV (without Ethernet), Chromecast, smart fans/toasters etc. are the target group for this network. Please note that many devices can be connected via an Ethernet adapter, which is a great deal faster and more stable.

## How do I connect?

Visit the [OIH Net](#) website and sign in with your oih.ac account.

In order to add a device, you will need to find out its WLAN MAC address. If you need to finish setup to do so, you can try setting your device up with a hotspot and then going into network settings to find the MAC address.

After adding your device via OIH Net, you can simply connect using the password visible on the [website](#).

# Ethernet

Our Ethernet network is very fast and stable, with consistent speeds of up to 1 Gbps. If you desire, we can also organize 10 Gbps, provided you bring your own equipment and your cable can handle it.

## What devices is this meant for?

Anything you can connect with a wire.

## How do I connect?

Visit the [OIH Net](#) website and sign in with your oih.ac account. In order to add a device, you will need to register its Ethernet MAC.