

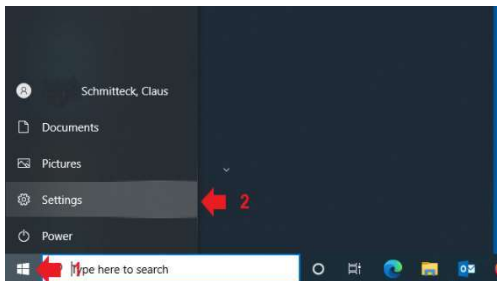
How to setup the internet connection in your residence of the Studierendenwerk Siegen

The credentials for the internet will be given to you with your contract. The connection uses PPPoE over a ethernet cable. You can use the credentials for one device at the same time. If you want to use more devices at the same time, you have to use a router. Some router given by providers will not work, as they can only work on an DSL or a cable connection. If the connection is not disconnected properly (network cable disconnected/switching of the router), it will take 15 minutes until you can login again.

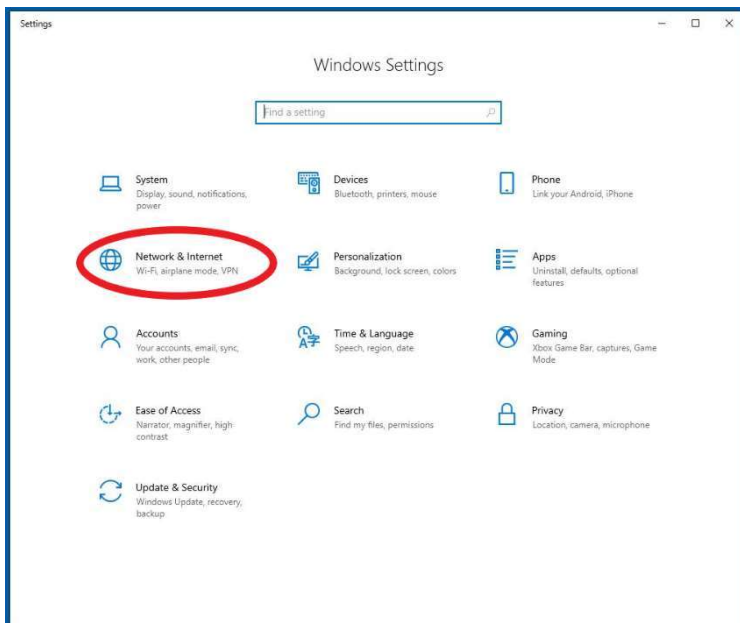
Configuration in Microsoft Windows 10/11

Connect your computer with the network plug in your room. If there are two plugs in your room only one of them will be active.

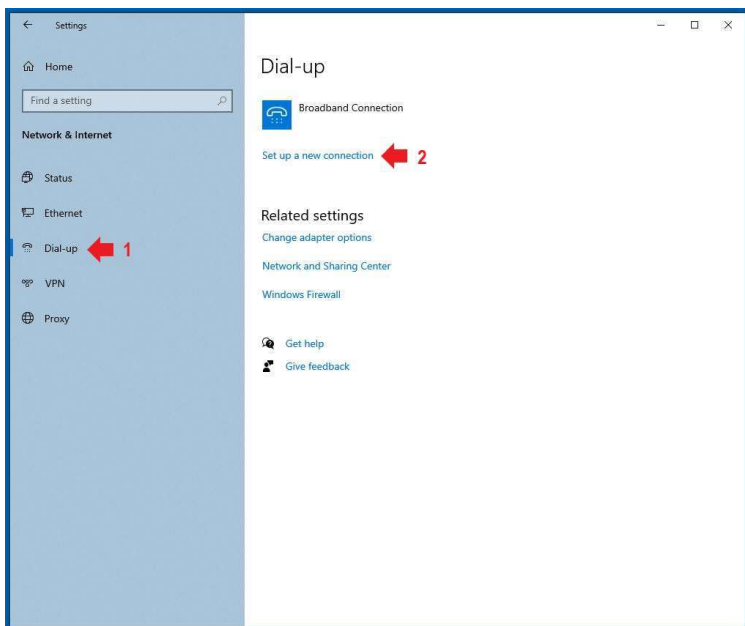
Microsoft Windows 10:



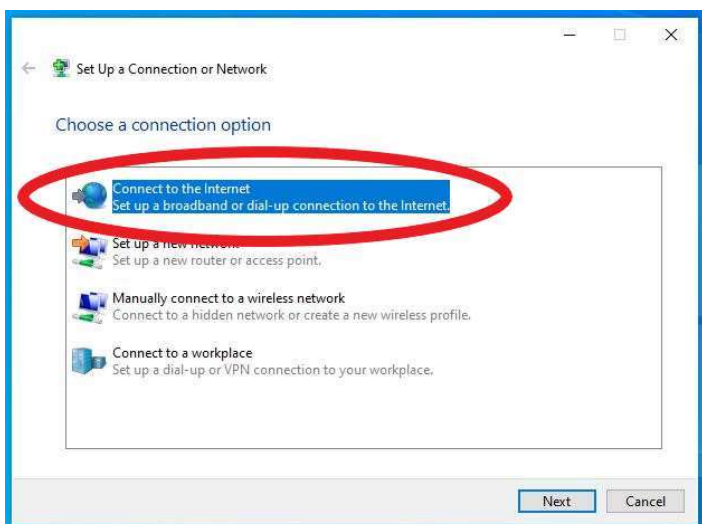
Open the windows start menu (1) and choose „settings“ (2).



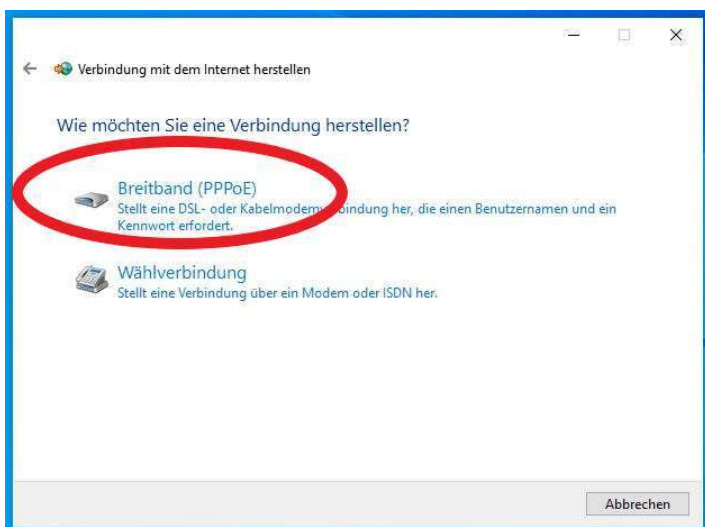
Choose the settings for „Network & Internet“.



Choose „Dial-up“(1) and „Set up a new connection“ (2)



Choose „Connect to the internet“



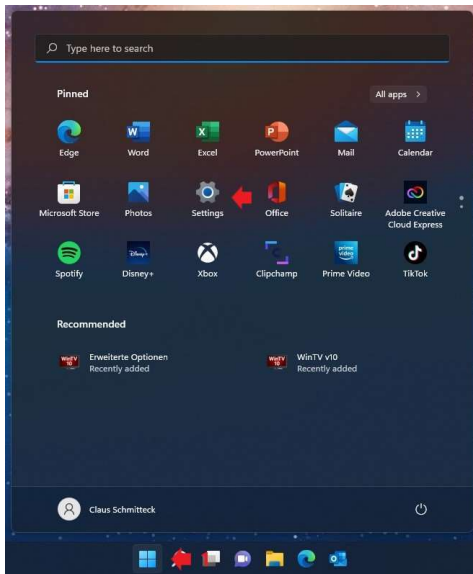
Choose „Broadband (PPPoE)“

English

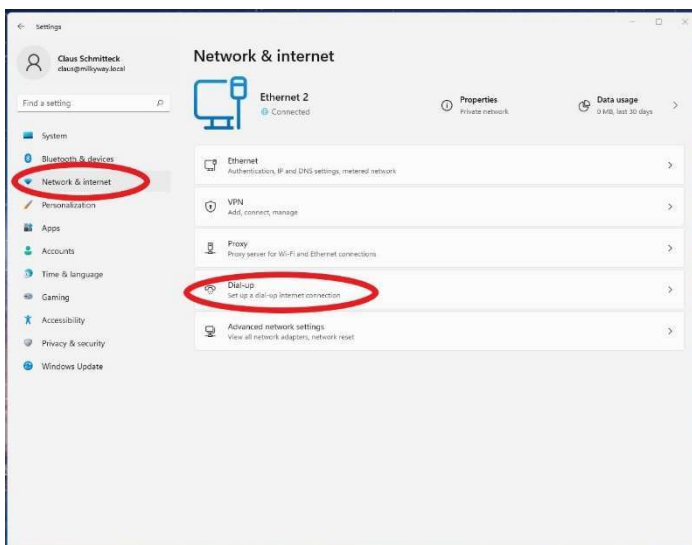


From here you go on with topic 3)

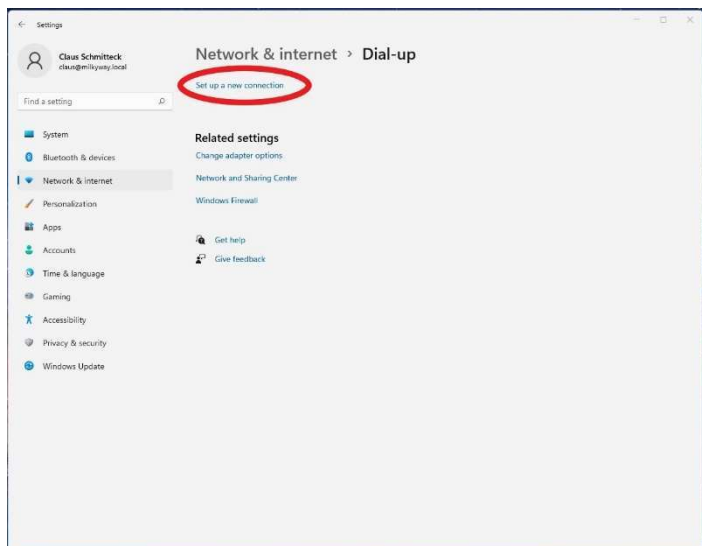
2) Microsoft Windows 11:



Open the Startmenu (1) and choose the settings (2).



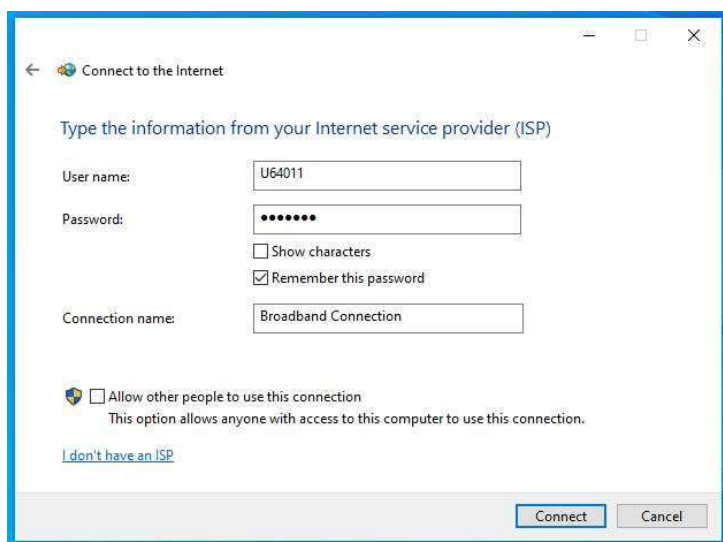
Choose the settings for „Network and Internet“ and choose „Dial-up“.



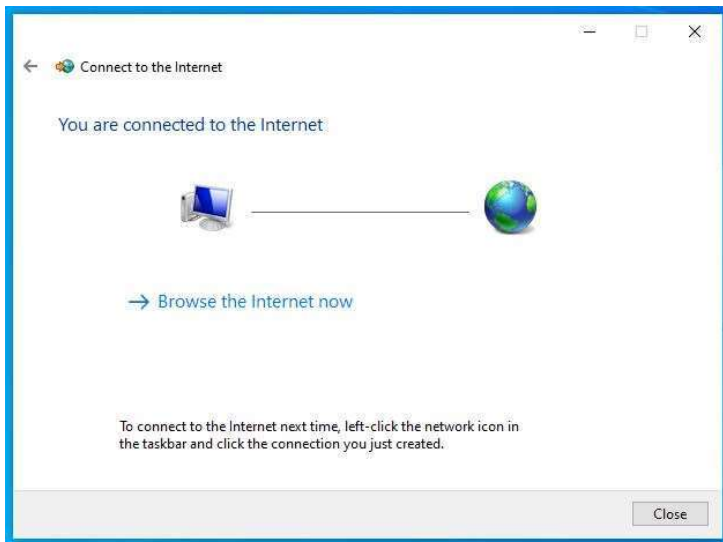
Choose „Set up a new connection“.

3) Microsoft Windows 10 & 11

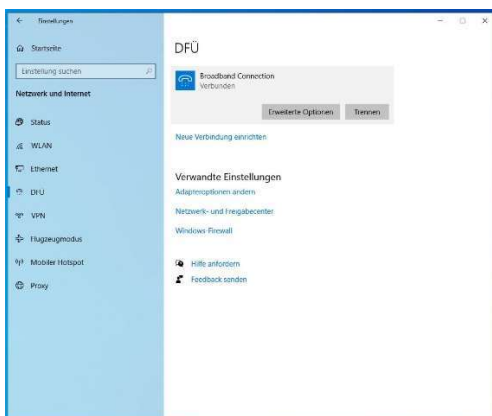
The following dialogs are identical in Microsoft Windows 10 & 11.



Fill in the username and password given to you with your contract. Check the box for „Remember the password“ and start the connection by clicking on “Connect”.



Now you are connected.



You can disconnect the connection in the setting. You can get faster there by clicking on the network symbol in the taskbar and click on your broadband connection.



Configuration using a router

You should be able to use a router which is capable of building up a PPPoE connection over an ethernet cable. As an example we use a tp-link TL-WR841N. This router costs around 20 Euro and is fully sufficient.

Connect the routers WAN port with the network plug in your room. If there are two plugs in your room only one of them will be active.

Connect your computer with one of the LAN ports. You can configure the router with your browser: "http://192.168.0.1. With your first login you have to change the password.

The screenshot displays the web interface of a TP-Link TL-WR841N router. The browser's address bar shows the IP address 192.168.0.1. The page title is "TP-Link Wireless N Router WR841N Model No. TL-WR841N". On the left, a navigation menu lists various settings, with "Network" circled in red. The main content area is titled "Quick Setup - Start" and contains the following text: "Run the Quick Setup to manually configure your internet connection and wireless settings. To continue, please click the Next button. To exit, please click the Exit button." Below this text are two buttons: "Exit" and "Next". At the bottom of the page, there is a QR code and text encouraging users to download the TP-Link Tether app from the App Store or Google Play. A "Quick Help" sidebar on the right provides additional instructions, stating: "With this guide, you can set the basic parameters to get a connection to the internet. Even if you are not familiar with this product, you can still finish the settings easily. If you are an expert, you can also choose to set what you want in the menu rather than to use this. Click the Next button to continue."

Choose „Network“ from the menu



The screenshot shows the WAN Settings page for a TP-Link Wireless N Router WR841N. The interface is in German, with the URL '192.168.0.1' visible in the browser. The 'WAN Settings' section is active, showing the following configuration:

- Connection Type: PPPoE (with a 'Detect' button)
- PPP Username: U11200
- PPP Password: [masked]
- Confirm password: [masked]
- Secondary Connection: Disabled Dynamic IP Static IP (For Dual Access)
- Connection Mode: Always on Connect on demand Connect manually
- Max Idle Time: 15 minutes (0 meaning connection remains active at all times)
- Authentication Type: AUTO_AUTH

Buttons for 'Connect', 'Disconnect', and 'Save' are visible. An 'Advance' button is also present. A 'WAN Help' sidebar on the right provides detailed instructions for different connection types. At the bottom, there is a QR code and links to download the TP-Link Tether app from the App Store and Google Play.

Choose „PPPoE“ as the connection type. Use the credentials given to you with your contract as PPP Username and PPP Password. Click on „Save“ and you should be connected. On the „Status“ page you should now see a ipaddress from the universitys iprange. (141.99.x.x).

Note: Some routers from ASUS are not capable of receiving the DNS-servers automatically. Then you have to set them manually: 141.99.2.2 & 141.99.1.12

If you have problems setting up your internetconnection contact the tutor in your house.