

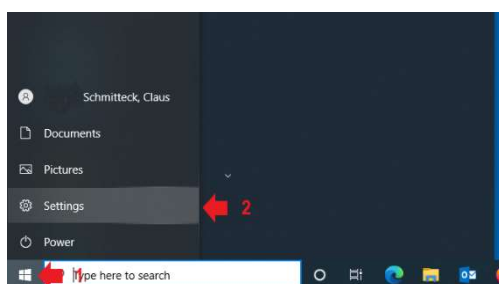
## Howto setup the internet connection in your residence of the Studierendenwerk Siegen

The credentials for the internet will be given to you with your contract. The connection uses PPPoE over a ethernetcabel. 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 (networkcable disconnected/switching of the router), it will take 15 minutes until you can login again.

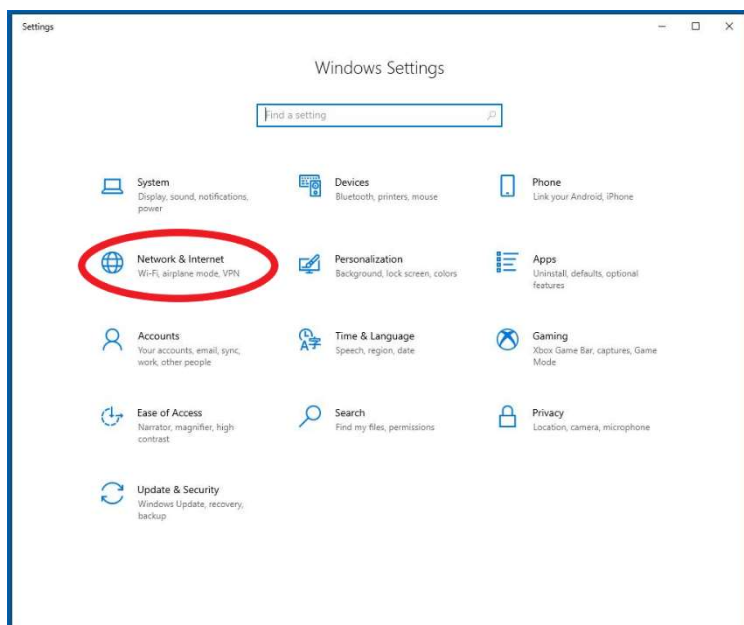
### Configuration in Microsoft Windows 10/11

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.

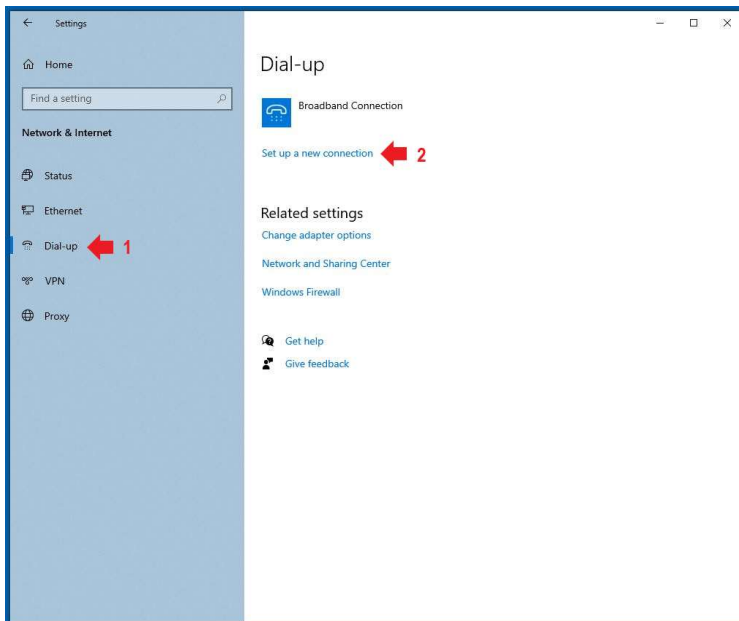
#### Microsoft Windows 10:



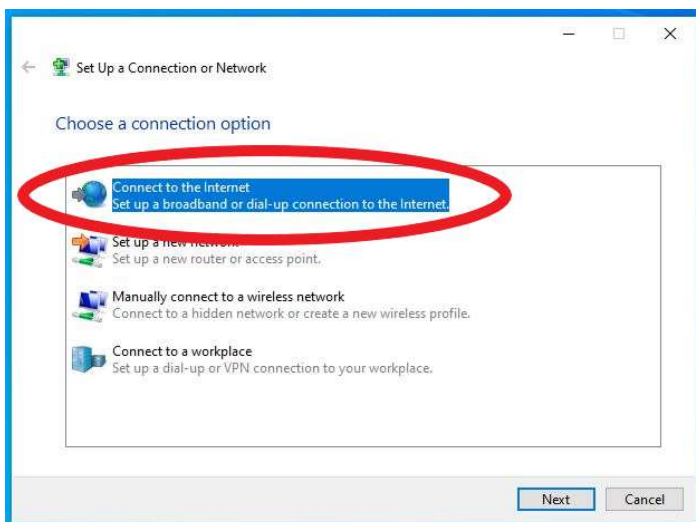
Open the windows startmenu (1) and choose „settings“ (2).



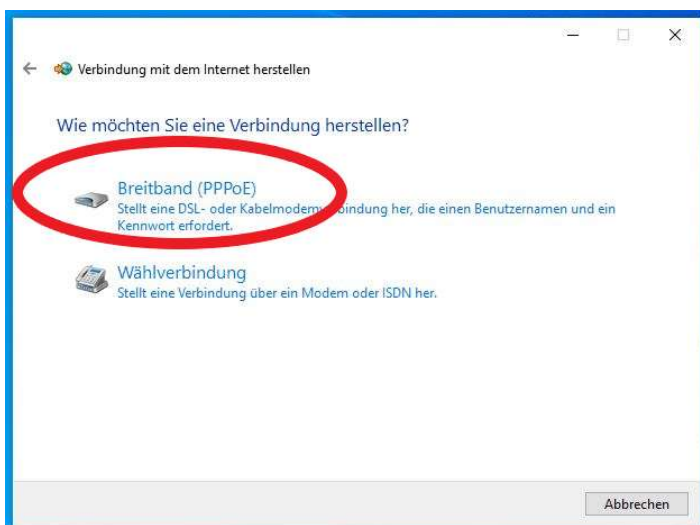
Choose the settings for „Network & Internet“.



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



Choose „Connect to the internet“



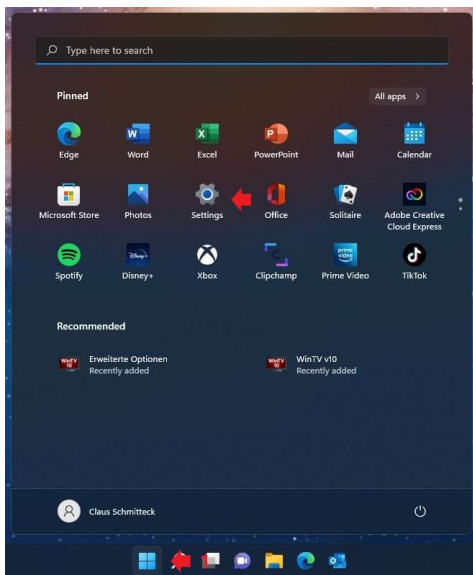
Choose „Broadband (PPPoE)“

English

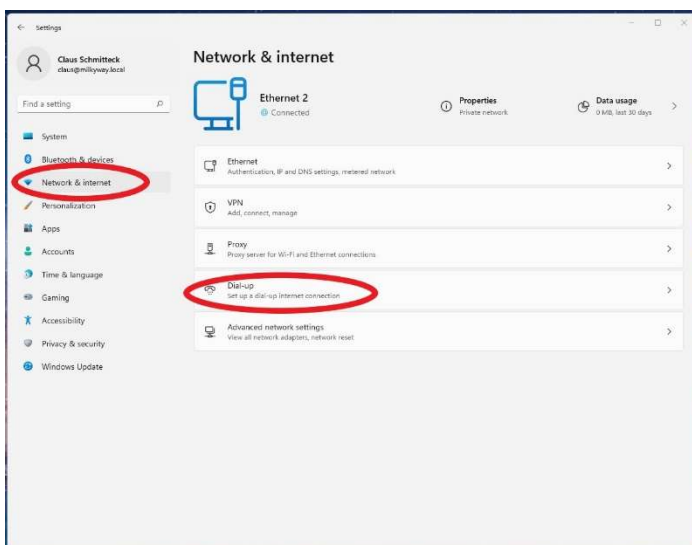


From here you go on with topic 3)

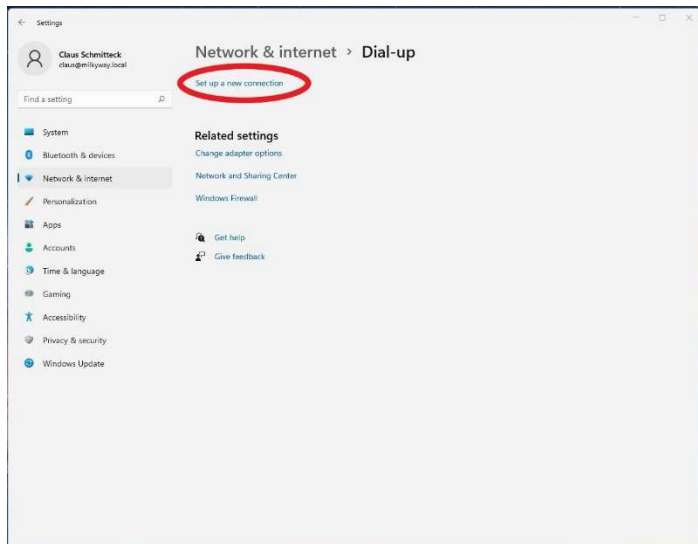
## 2) Microsoft Windows 11:



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



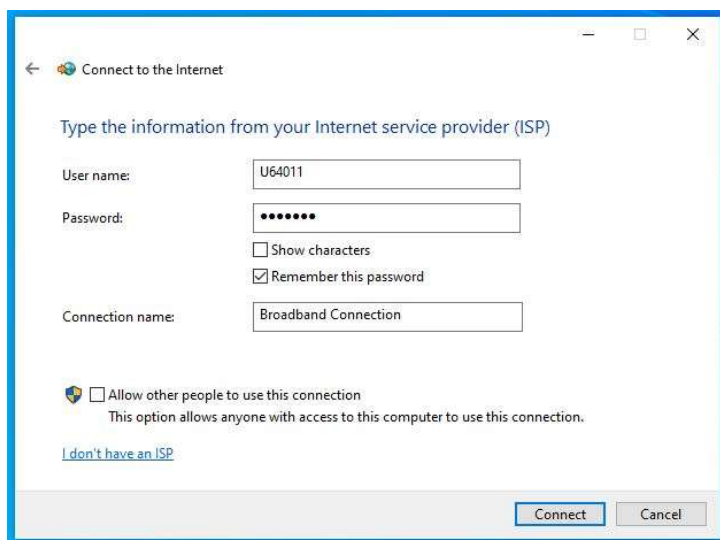
Choose the settings for „Network and Internet“ and choose „Dial-up“.



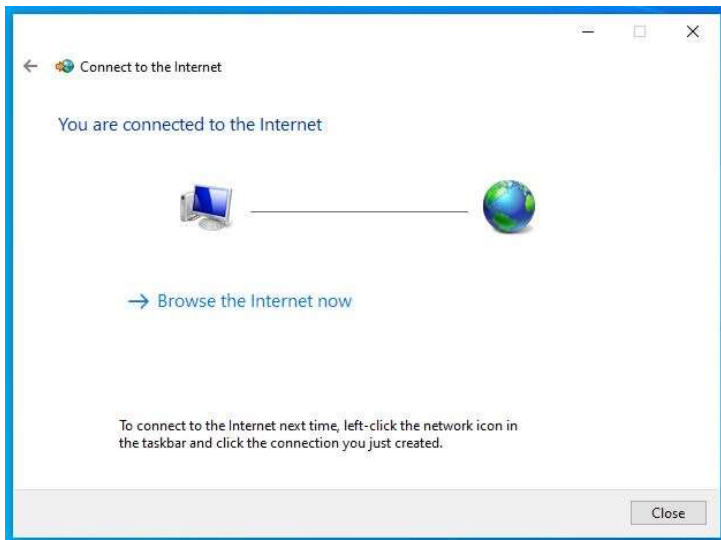
Choose „Set up a new connection“.

### 3) Microsoft Windows 10 & 11

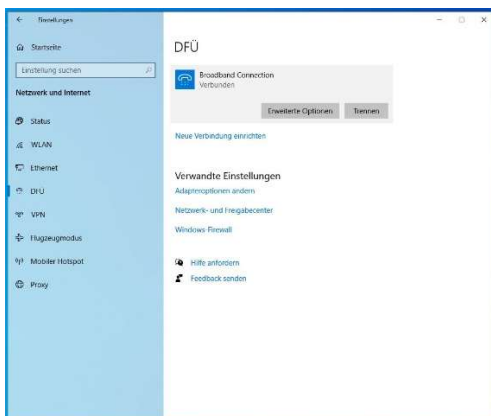
The following dialogs are identical in Microsoft Windows 10 & 11.



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.



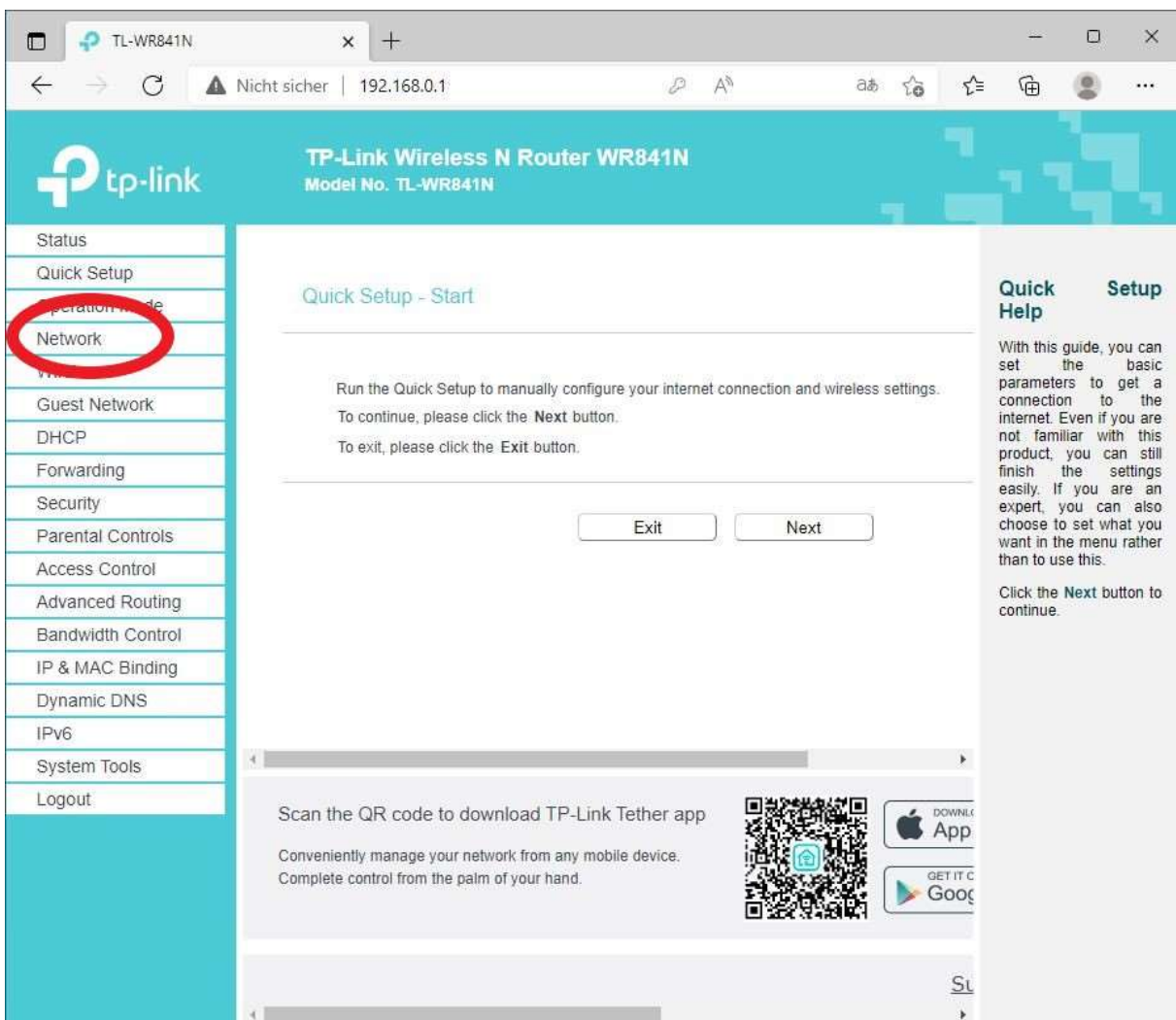
You can disconnect the connection in the setting. You can get faster there by clicking on the network symbol in the taskbar and click on your broadband connection.

## 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". Login with the user "admin" and the password "admin". After your first login you have to change the password.



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' and a warning 'Nicht sicher'. The left sidebar lists various settings categories like Status, Quick Setup, Operation Mode, Network, Wireless, Guest Network, DHCP, Forwarding, Security, Parental Controls, Access Control, Advanced Routing, Bandwidth Control, IP & MAC Binding, Dynamic DNS, IPv6, System Tools, and Logout. The main content area is titled 'WAN Settings' and contains the following fields and options:

- Connection Type: **PPPoE** (selected), with a 'Detect' button.
- PPP Username: **U11200**
- PPP Password: **\*\*\*\*\***
- Confirm password: **\*\*\*\*\***
- 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', 'Advance', and 'Save' are present. A 'WAN Help' sidebar on the right provides detailed instructions for different connection types and a list of supported connection types:

- WAN Connection Type:**
  - If your ISP is running a DHCP server, select the Dynamic IP option.
  - If your ISP provides a static or fixed IP Address, Subnet Mask, Gateway and DNS setting, select the Static IP option.
  - If your ISP provides a PPPoE connection, select PPPoE option.
  - If your ISP provides BigPond Cable(or Heart Beat Signal) connection, please select BigPond Cable option.
  - If your ISP provides L2TP connection, please select L2TP option.
  - If your ISP provides PPTP connection, please select PPTP option.
- Note:** If you don't know how to choose the appropriate connection type, click the Detect button to allow the Router to automatically search your Internet connection for servers and protocols. The connection type will be reported when an active Internet service is successfully detected by the Router. This report is for your reference only. To make sure the connection type your ISP provides, please refer to the ISP. The various types of Internet connections that the Router can detect are as follows:
  - PPPoE - Connections which use PPPoE that requires a user name and password.
  - Dynamic IP - Connections which use dynamic IP address assignment.
  - Static IP - Connections which use static IP address assignment.
- User Name/Password** - Enter the User Name and Password provided by your ISP. These fields are case-sensitive.
- Secondary Connection** - It's available only for PPPoE Connection. If your ISP provides an extra Connection type such as Dynamic/Static IP to connect to a local area network, then you can check the radio button of Dynamic/Static IP to

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.

If they can't solve your problem or you want to check your credtials you can contact me:

Claus Schmitteck , Tel: 0271 – 740 4957, Email: [schmitteck@studierendenwerk.uni-siegen.de](mailto:schmitteck@studierendenwerk.uni-siegen.de)