(Thanks to Cardiff University for this manual)

Windows 8 and Windows RT 8 manual configuration and connection to eduroam

These directions should be followed if you are unable to utilise the automatic setup script for setting up the eduroam wireless profile.

***Windows 8 RT** is a special version of Windows 8 that runs on certain tablet devices (devices with ARM processors) – it is not possible to configure via the eduroam setup network so you please follow these manual instructions*

If you do not already have an EduRoam account, this is a three-stage process. If you already have an EduRoam account, go to step 3. :

1. You have to fill and sign the application form to ask for the credentials.
2. You have to wait for the credentials. An an e-mail will be sent to you, the credentials will consist in a **username** (usually name.surname@unifg.it) and a **password** (composed of numbers and letters).
3. Configure your Windows 8 or Windows RT 8 device to connect to eduroam.

3. **Configure your Windows8 or Windows RT 8 device to connect to eduroam**. There are 3 ways to configure Windows 8 for eduroam connection

- automatically, via the **script** sent you by e-mail. This is the **preferred** option but could not be suitable for Windows 8 RT/Surface devices.
- Manually using the following **quick configuration** method.
- Manually using a more **detailed configuration.** This option is available if the other configuration methods have failed.

Quick Configuration – connection to eduroam
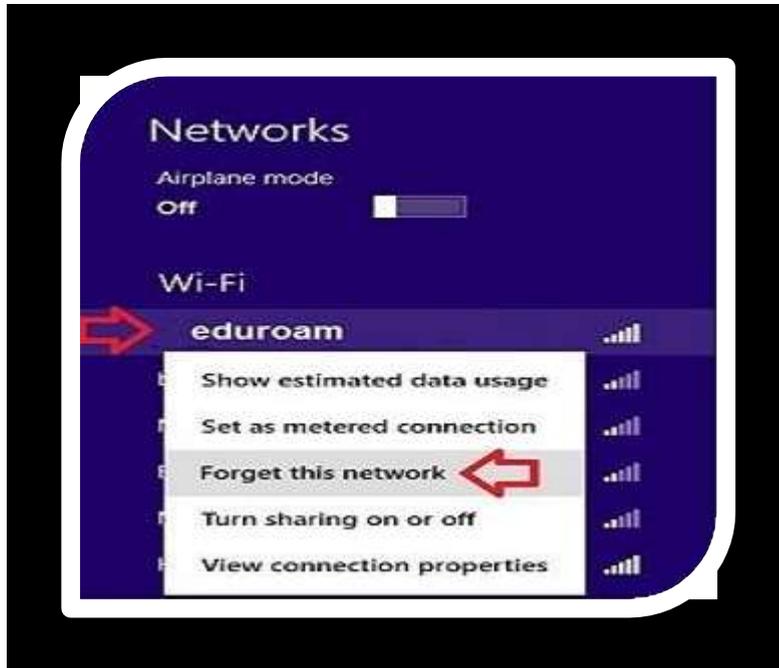
Quick configuration

1. **"Remember to Forget"** the network to remove any previous settings

2. From bottom right of the **Desktop Screen**, click to select the wireless networks

3. Right click on **eduroam** and where possible select: **Forget this Network.**

Please note: This option may not be available if a previous connection to eduroam has not been configured.

Quick configuration

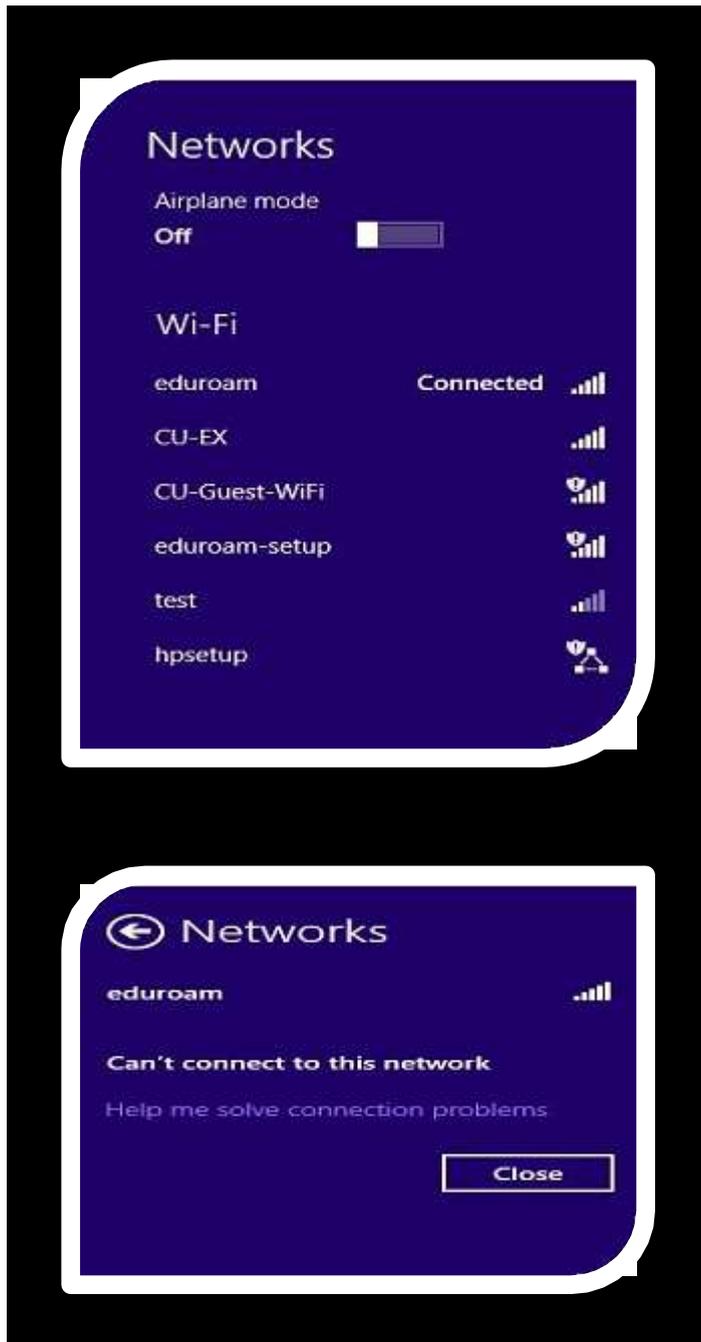4. Return to the bottom right of Desktop Screen and select **eduroam** from the wireless networks list.

5. Enter your **username** (this will allow you to connect at participating eduroam locations) and your password.

6. Enter your University network password.

7. Click **connect**

Quick Configuration

8. You should now be connected to eduroam

Quick configuration

9. If eduroam fails to connect repeating the above method may be successful. If not, try using the more detailed configuration method below.

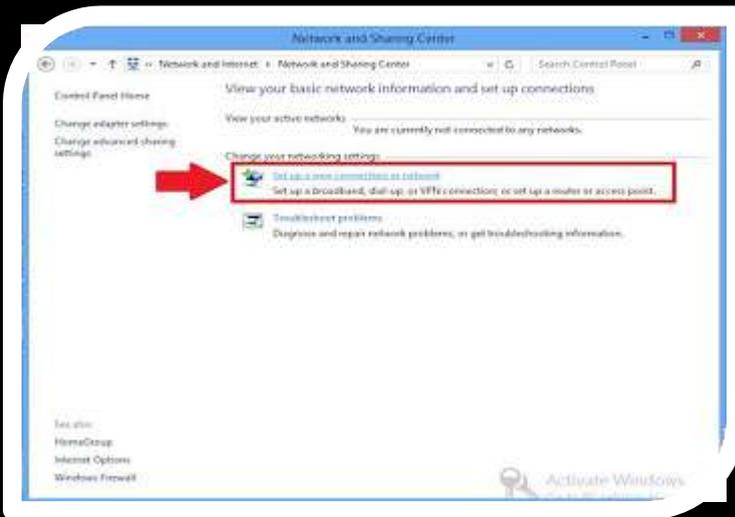# Detailed Configuration –connection to eduroam

Detailed configuration

1. **"Remember to Forget"** the network to remove any previous settings

2. From bottom right of the **Desktop Screen**, click to select the wireless networks
3. Right click on **eduroam** and where possible select: **Forget this Network.**

Please note: This option may not be available if a previous connection to eduroam has not been configured.
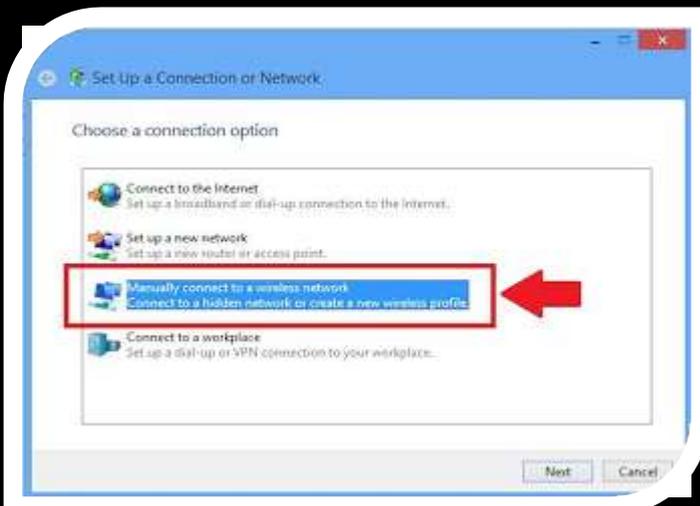

Detailed Configuration

4. From the Desktop Screen (Right mouse Click) on the wireless icon in the bottom right of the desktop and select **Open Network and Sharing Centre**
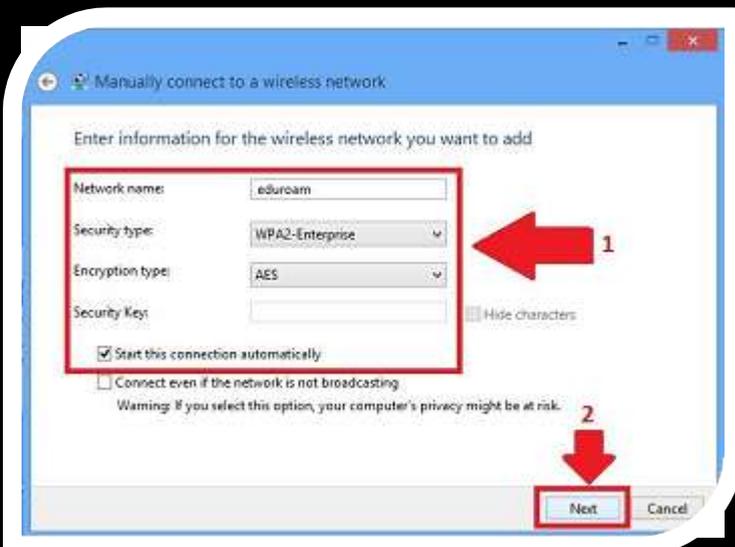
Detailed Configuration

5 In the Network and Sharing Centre, select **Setup a New Connection or Network**

Detailed configuration

6 Select **Manually connect to a wireless network**
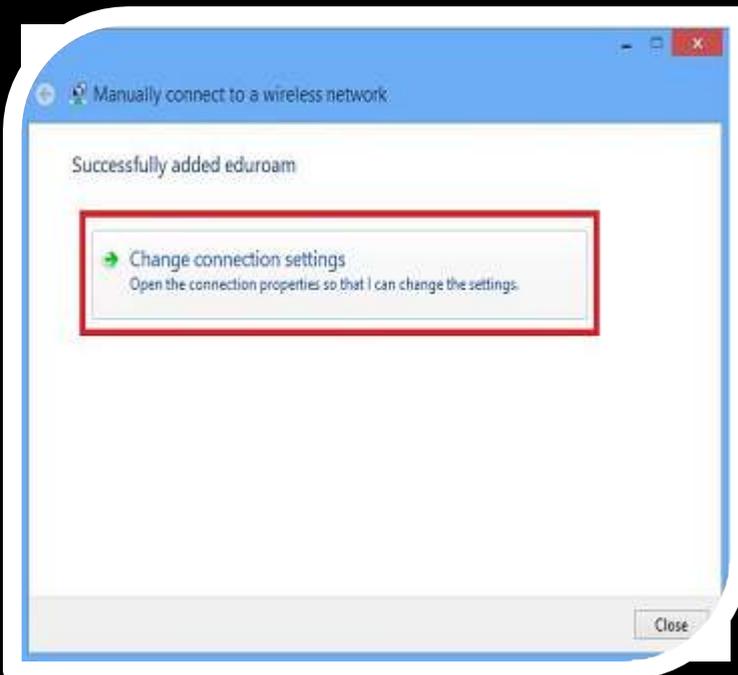

Detailed Configuration

7. Enter the details:

Network Name is **eduroam**
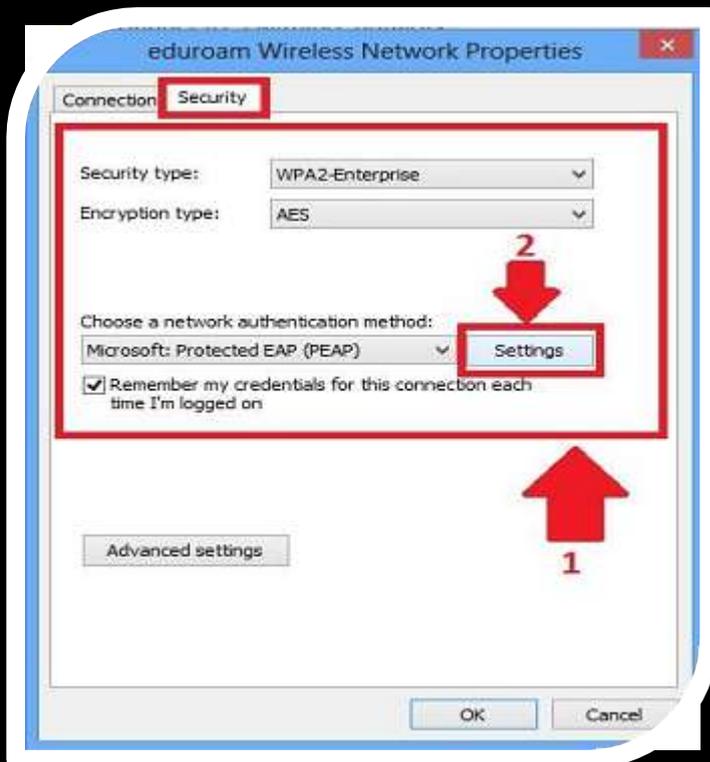
Security Type is **WPA2-Enterprise**

Encryption type is **AES**

Ensure the tick box **start this connection automatically** contains a **tick**.
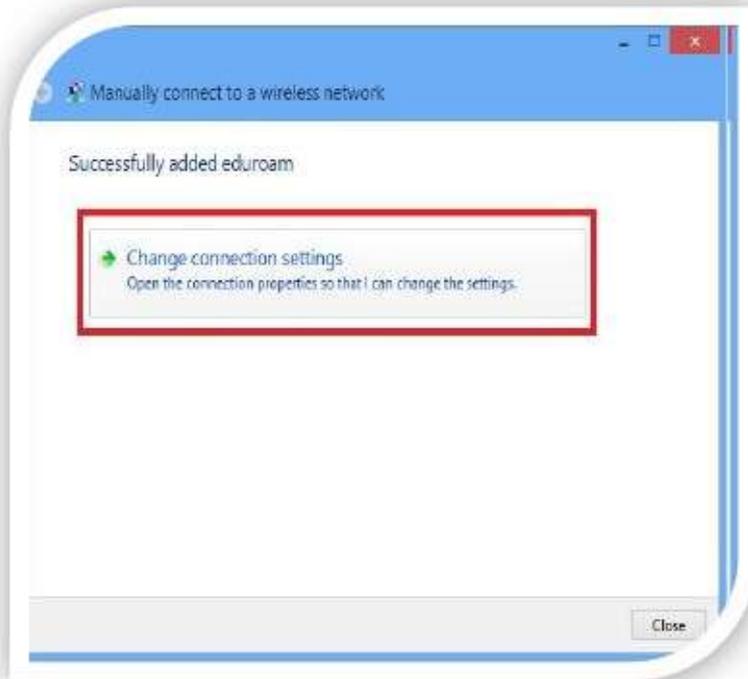
Detailed Configuration

8. The next screen will say **Successfully added eduroam** but we need to select **Change connection settings**

Detailed configuration

The initial screen will have the details filled in:

9. Select the **Security** Tab and next to the **Microsoft: Protected EAP (PEA**P)click on **Settings**

In the **Protected EAP Properties**

10. **UNCHECK** the box that says **Verify the server's identity by validating the certificate**.
11. **Check** the box by **Enable Fast Reconnect**
12. Click the **Configure** button beneath the heading **Secure Authentication Method**
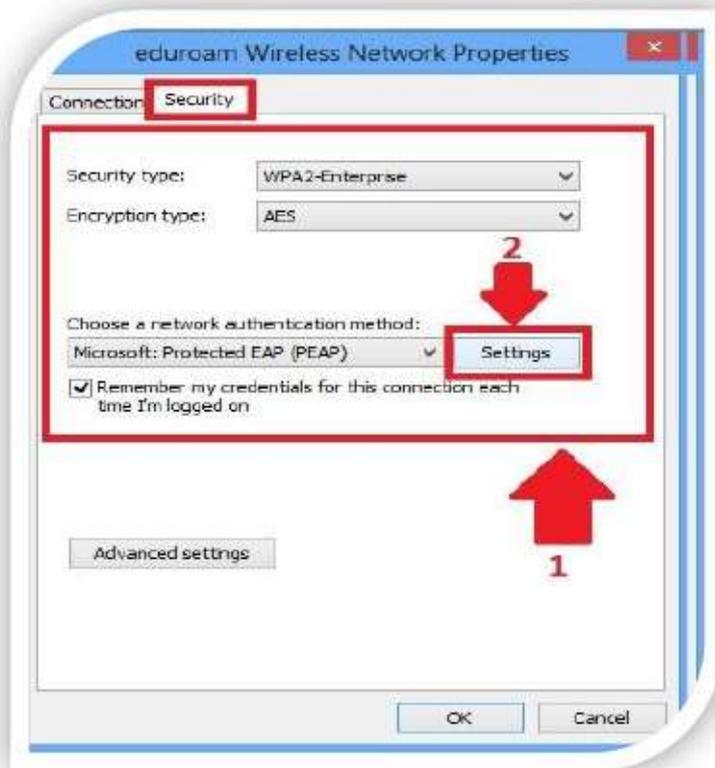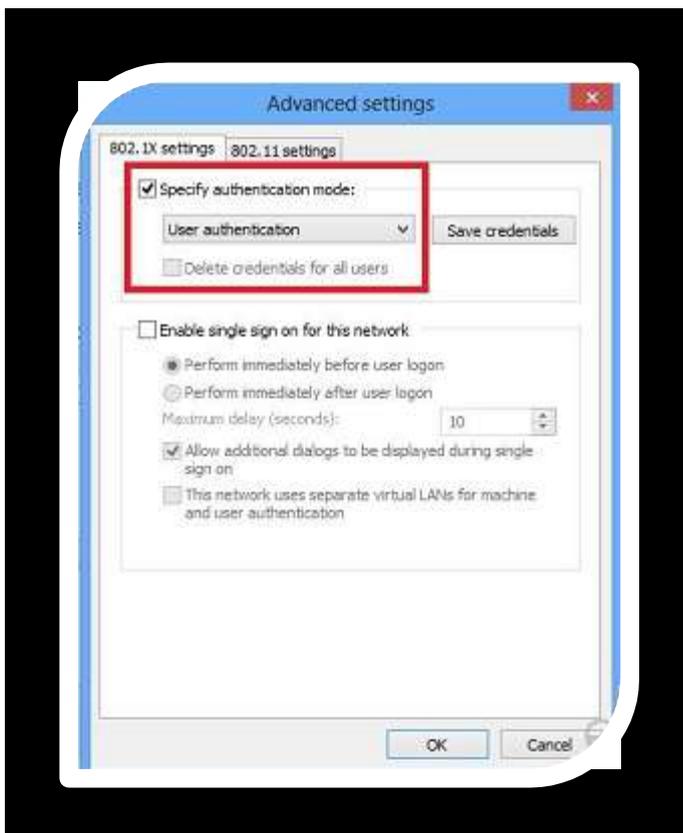

Detailed configuration

13. In the **EAP MSCHAPv2 Properties** window ensure the check box **Automatically use my Windows logon name and password (and domain if any)** is **UNCHECKED** and click **OK** to both open windows to return to the Security Tab as seen in **step 9**
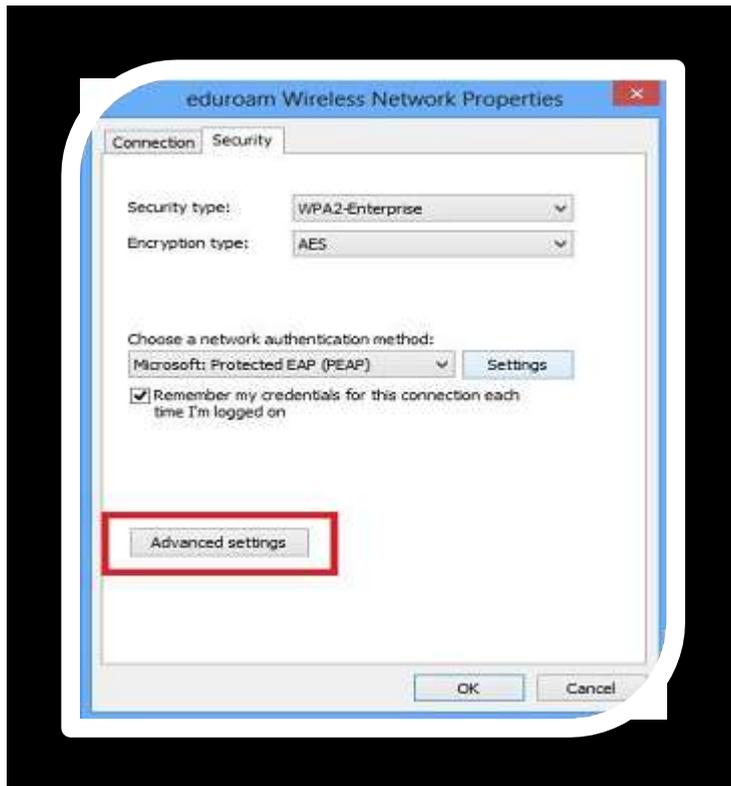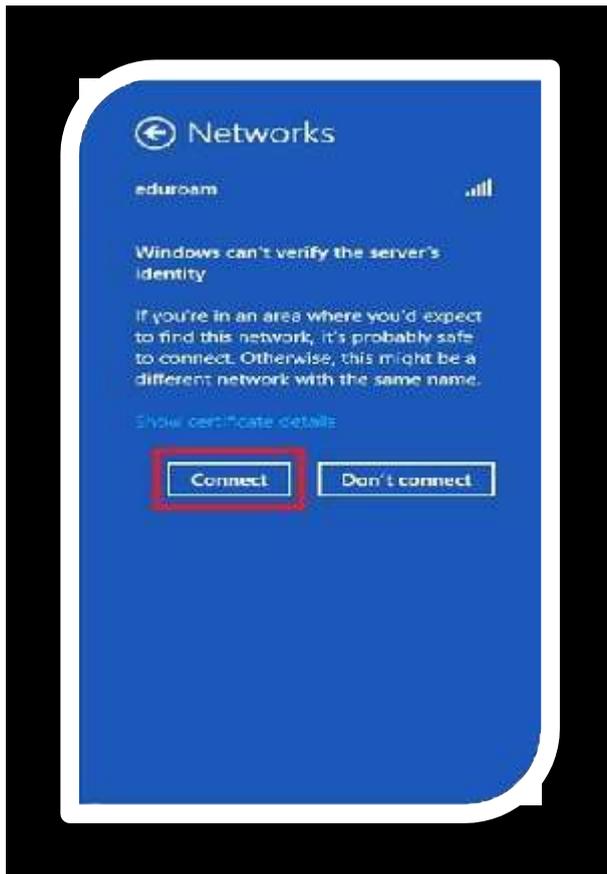
Detailed configuration

14. From the Security tab on the eduroam Wireless Network Properties screen, click on the Advanced Settings

Detailed configuration

15. On the Advanced Settings screen click on the 802.11 settings tab (if not already selected) and, from the pull-down Menu select **User Or Computer** authentication then click on OK
16. Select OK on each of the various dialogue boxes to close them.
17. Select Close to close the Manually connect to a wireless network screen.

Detailed configuration

18. Once near an **eduroam** access point select **eduroam** from the possible connections by clicking on the **Wireless Network Menu**.
19. The **first time** you connect to the eduroam network you will receive this warning, but if you are in an area where you'd expect to find this network it's probably safe to **connect**.

Detailed configuration

The next screen prompts you to authenticate yourself to allow the connection.

20. Enter your user name (this will enable you to connect to **eduroam** from other **eduroam** participating locations)
21. Enter your password which is *case sensitive*