

Wireless Network Setup for Windows Vista Clients

Configuration guide to the Sissa-WiFi Wireless Network, using the default tools and drivers of Microsoft **Windows Vista**.

Before you start check the wireless network card driver and update it to the latest version. See the web site of your card's manufacturer.

Due to a very buggy wireless support, Windows Vista cannot connect to any WPA-Enterprise or WPA2-Enterprise wireless network, unless updated with Service Pack 1.

You cannot connect to any of the Sissa wireless network unless you have a fully updated system, with Service Pack 1 installed!!!

Available wireless networks (SSID) are:

- **SISSA-WiFi** (scientific network: students, faculty and long-term visitors)
- **SISSA-AMM** (staff network: administrative and technical personnel)

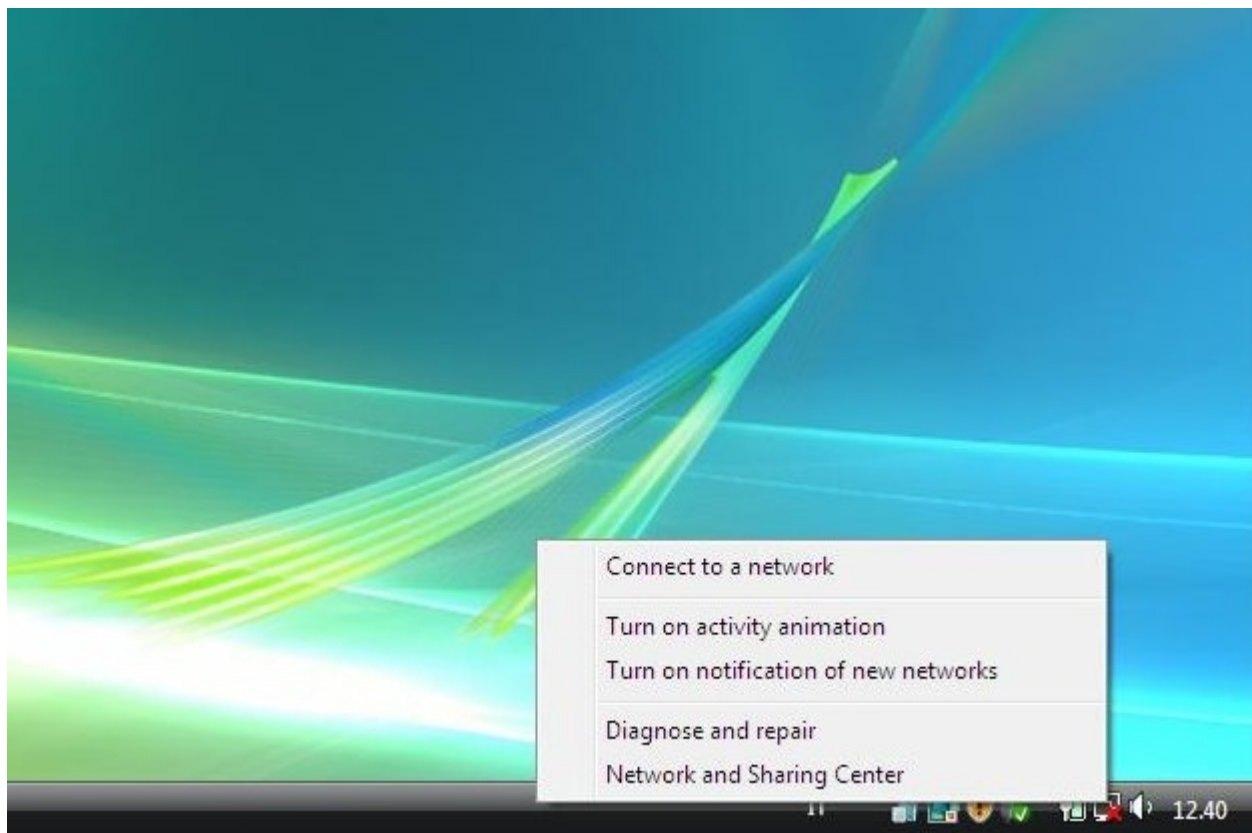
Note: the following tutorial explains how to associate to SISSA-WiFi net. For all the others Sissa wireless networks (SSIDs) the steps are the same.

Important: In order to successfully log into one of the Sissa wireless networks **your password must have been updated after December 31 2007!!**

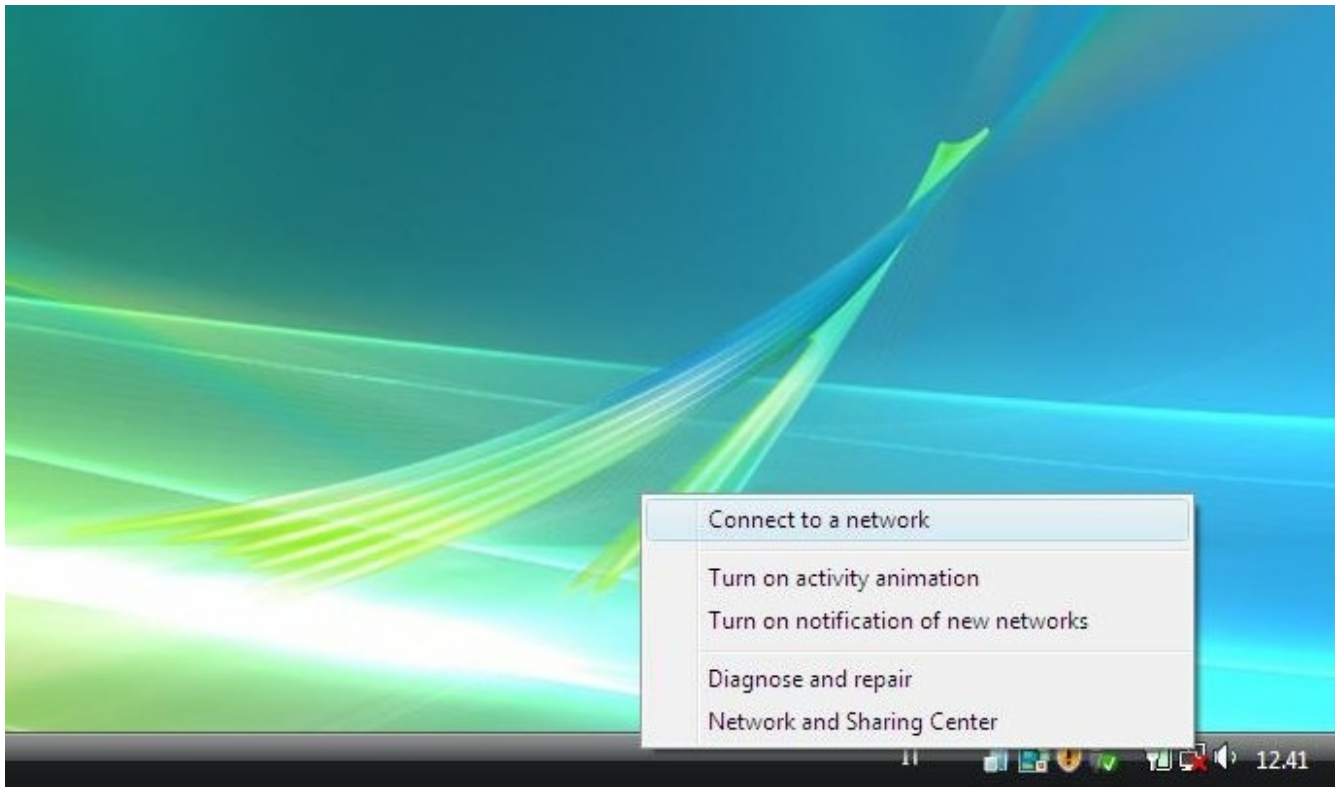
1. If your wireless network card is switched on you should see, in the bottom-right of the screen, an icon signaling the presence of wireless networks.



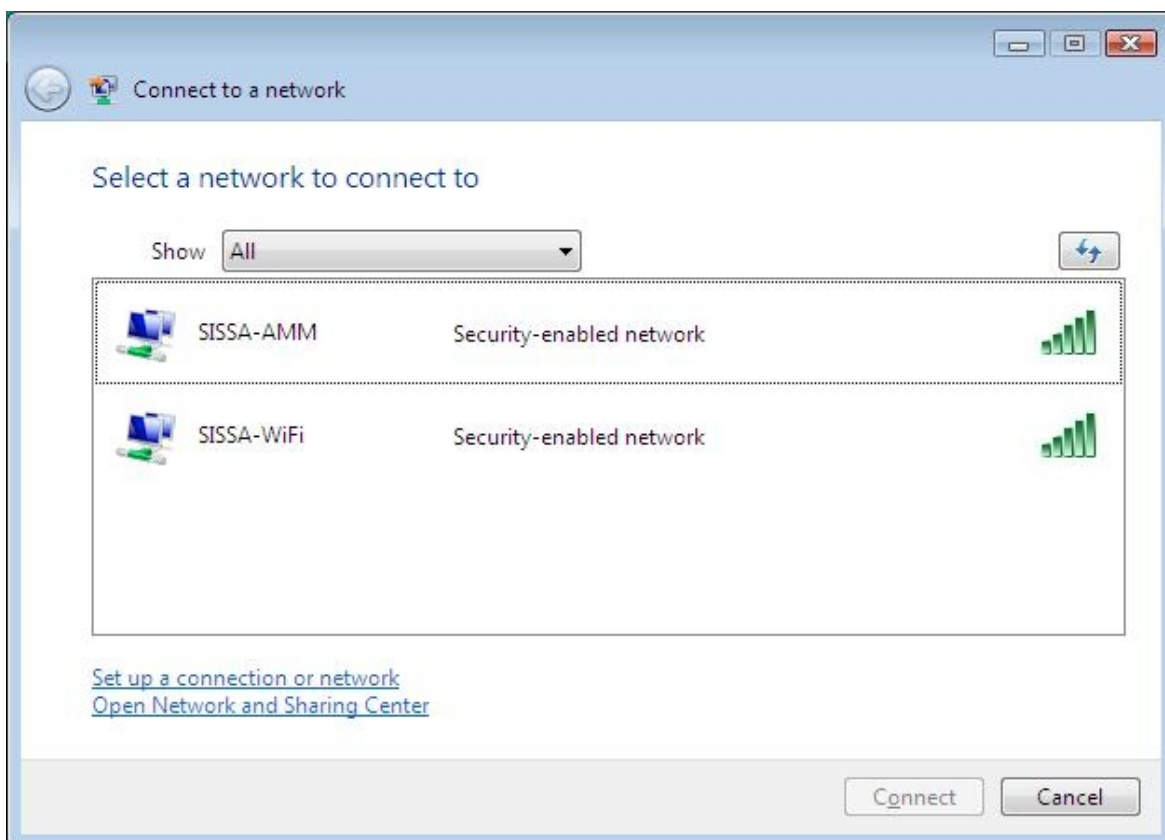
2. Right button click while pointing the network icon to open the pop-up box.



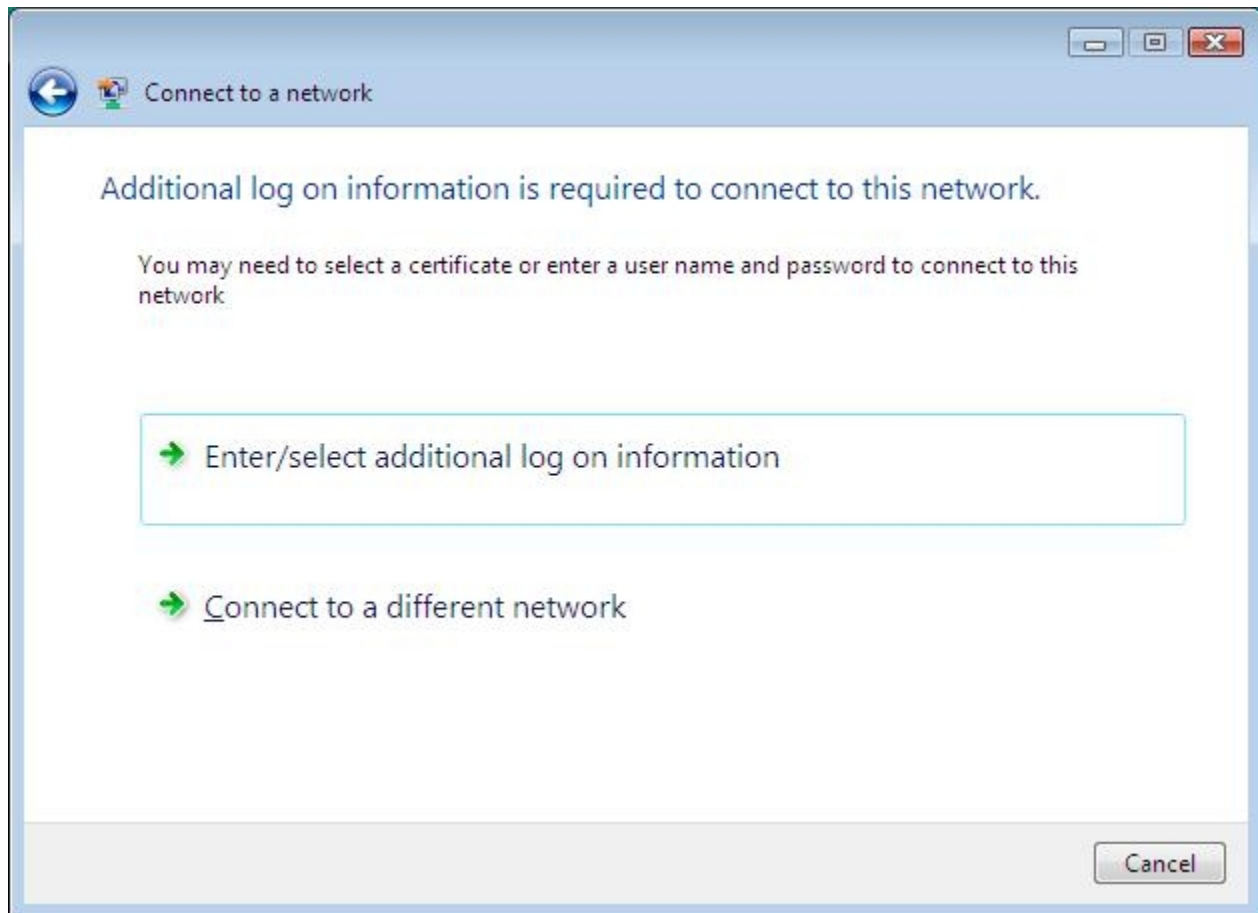
3. Select 'Connect to a network'



4. Choose the wireless network you want to connect to, here **Sissa-WiFi**



5. Now select 'Enter/select additional log on information' to enter your credentials



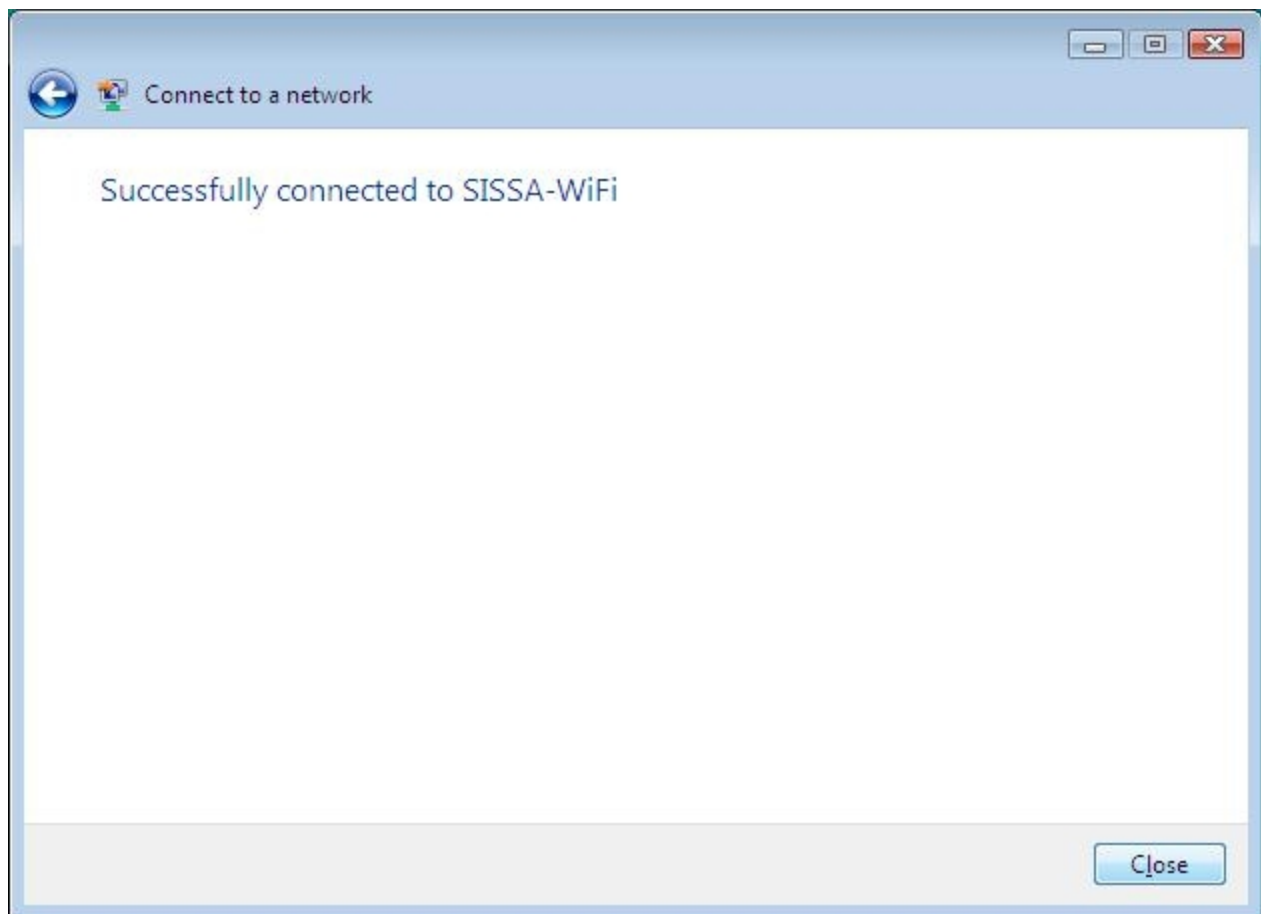
6. The 'Enter Credential' box appears: insert your Sissa username and password, **updated after December, 31 2007**. For successfully logon, **you must not fill the 'Logon Domain' field!**



7. The system request your credential a second time, then the 'Validate Server Certificate' appears. Simply confirm with 'OK'.

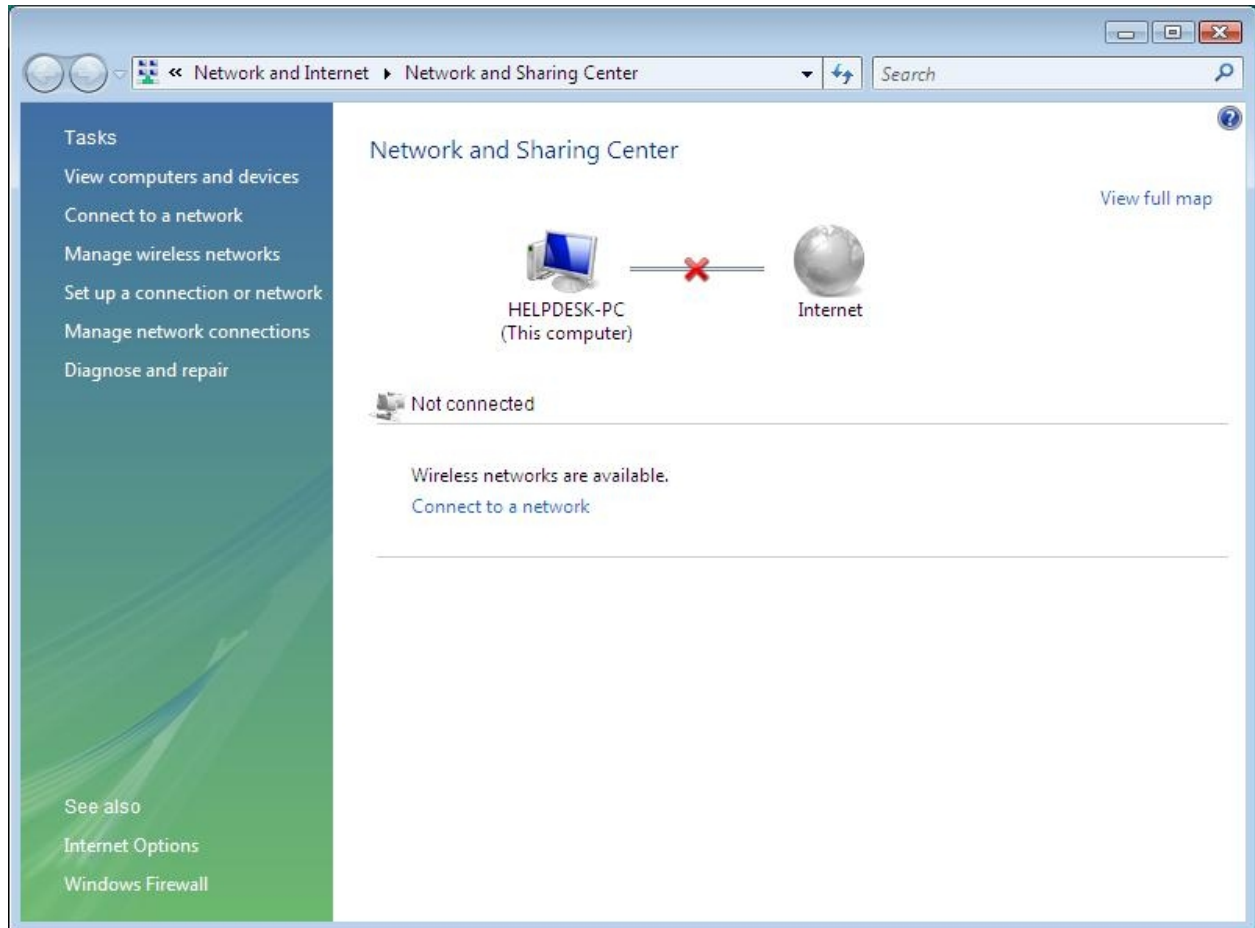


8. If all goes well, after few seconds you'll see:

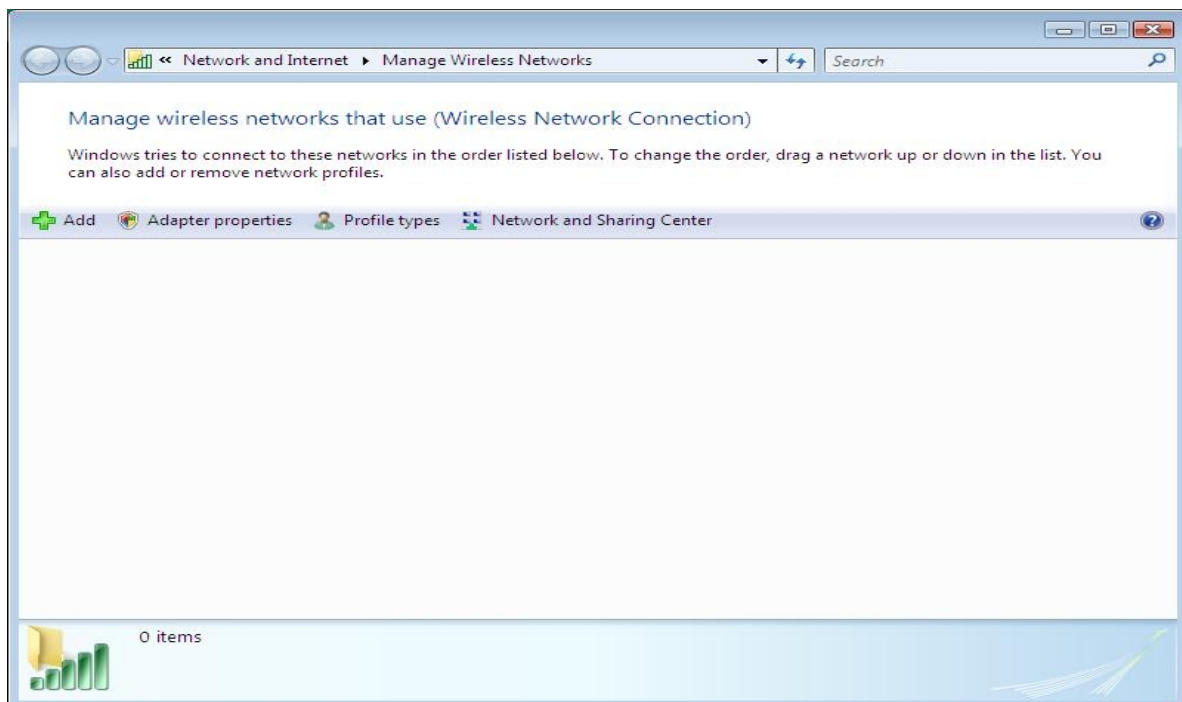


If following these instructions, you are unable to successfully log on, try to manually create a wireless network profile. Go on..

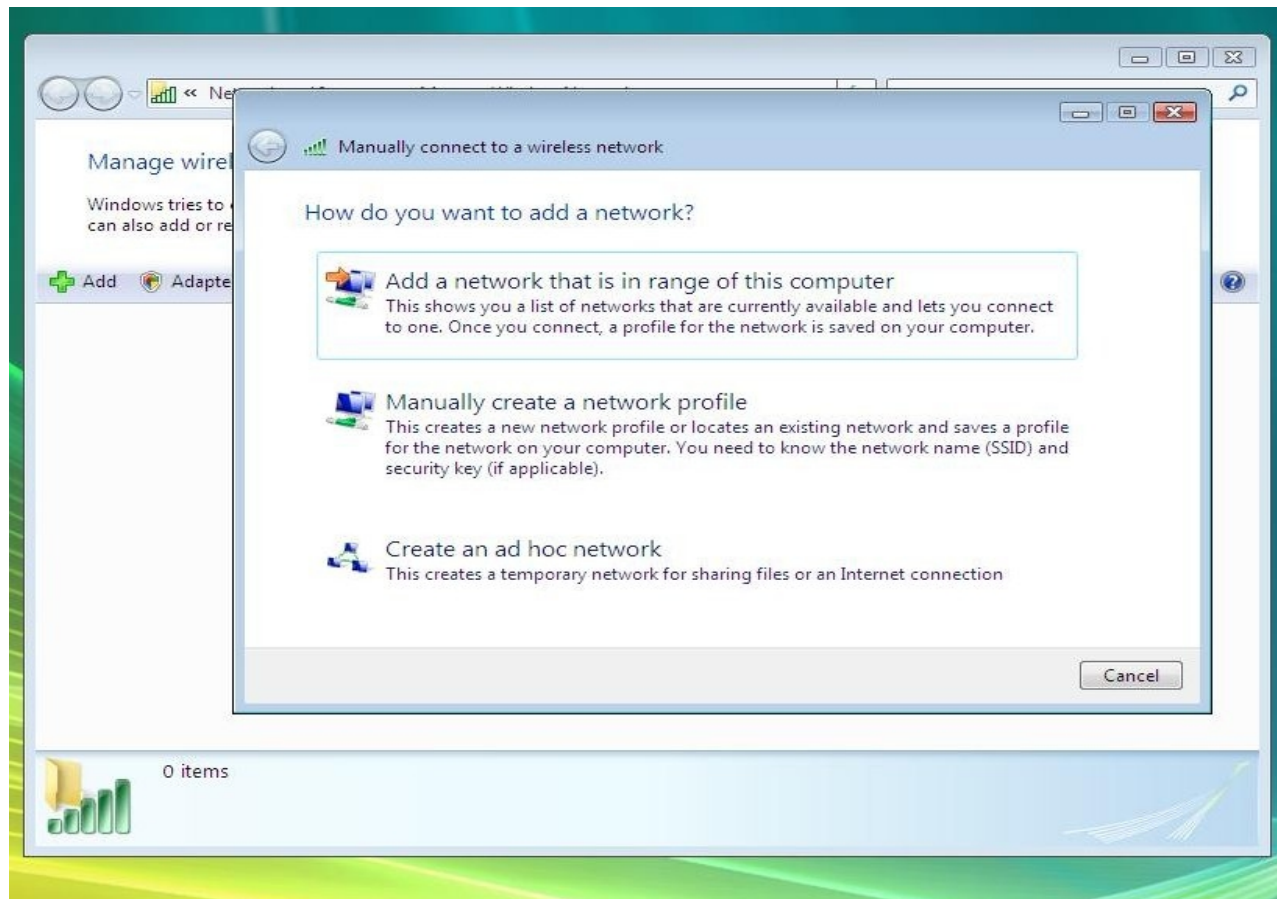
9. From the 'Connect to a network' box (See picture 2), select 'Open network and sharing center'



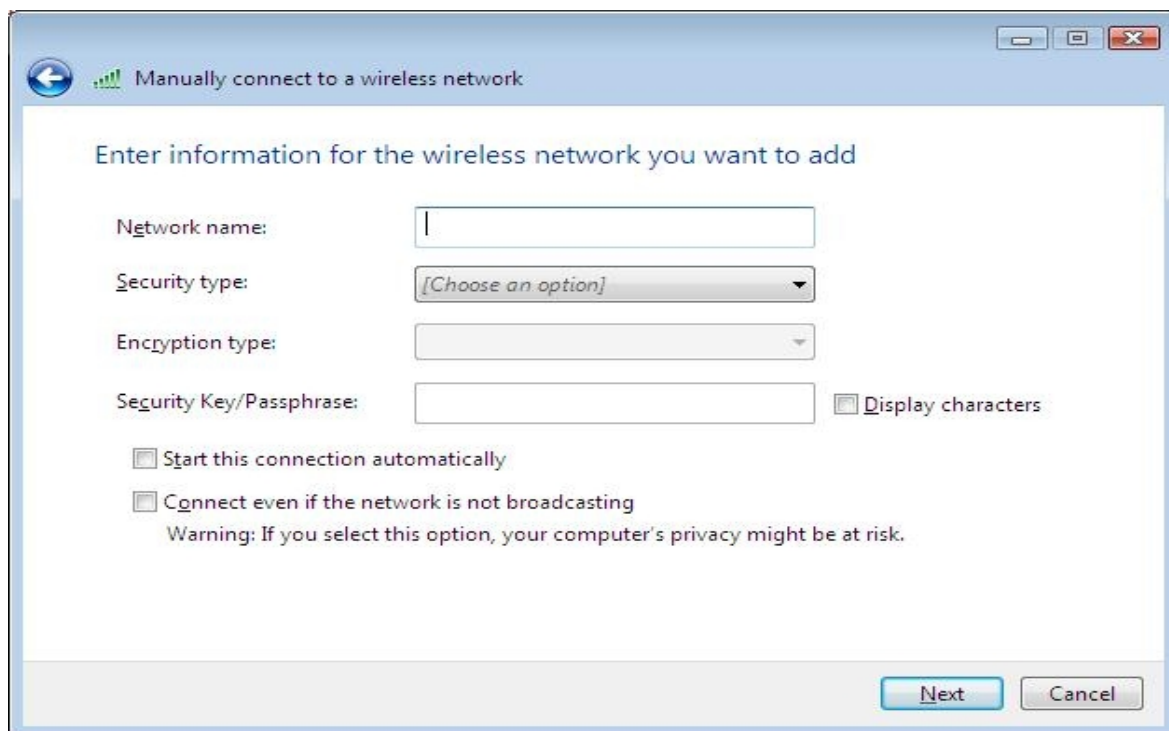
10. Now select 'Manage wireless networks' on the side left of the box.



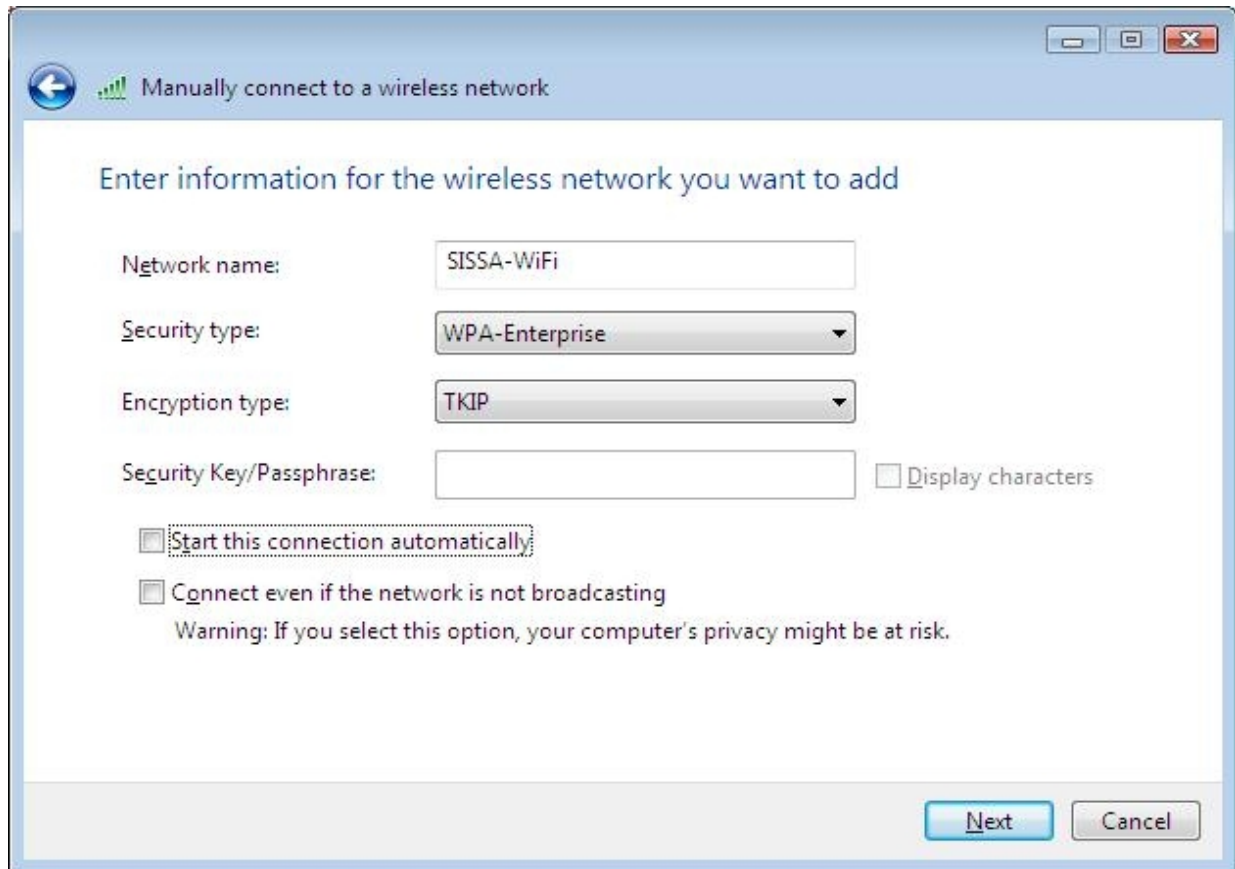
11. Type add (the '+' sign on the top left), to start inserting a new network profile



12. Select 'Manually create a network profile'



13. As network name type **SISSA-WiFi**, security type you can choose **WPA-Enterprise** (or WPA2-Enterprise for better security). Encryption type is set to **TKIP** (to 'AES' if you choose WPA2-Enterprise). Finally unselect **'Start this connection automatically'**.



Manually connect to a wireless network

Enter information for the wireless network you want to add

Network name: SISSA-WiFi

Security type: WPA-Enterprise

Encryption type: TKIP

Security Key/Passphrase: ☐ Display characters

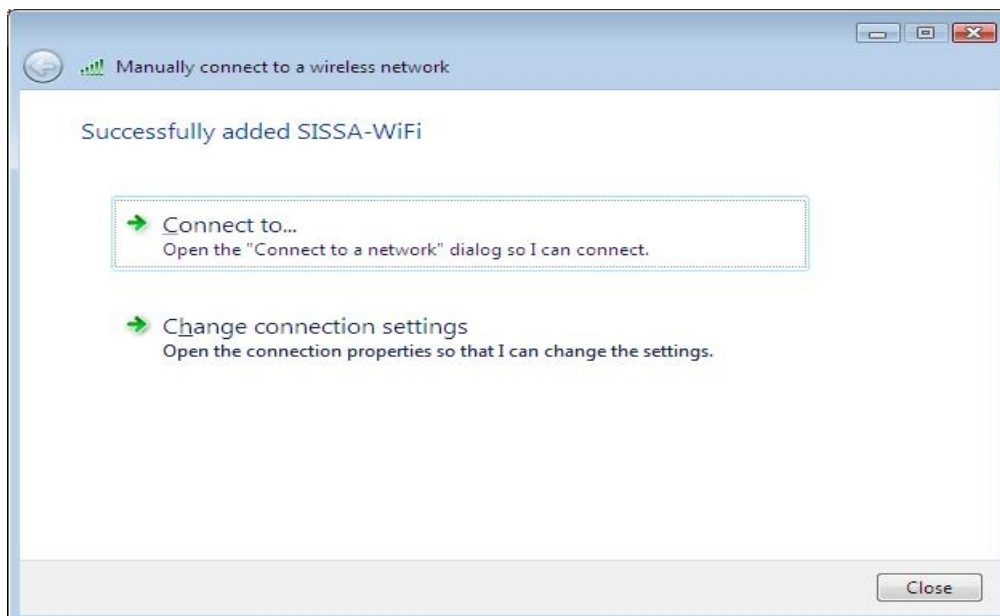
☐ Start this connection automatically

☐ Connect even if the network is not broadcasting

Warning: If you select this option, your computer's privacy might be at risk.

Next Cancel

14. Type 'Next'. You should see 'Successfully added SISSA-WiFi'. Now type 'Change connection settings' to customize further our network profile.



Manually connect to a wireless network

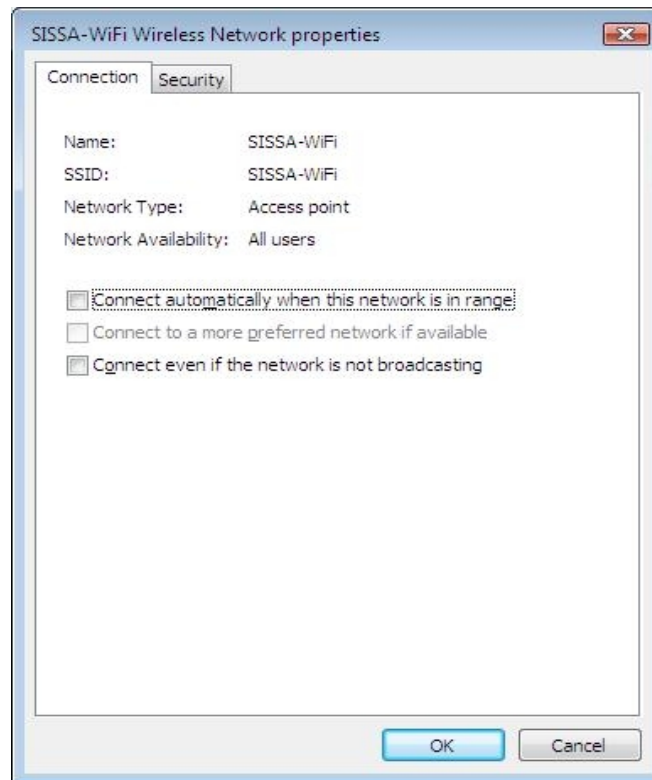
Successfully added SISSA-WiFi

→ Connect to...
Open the "Connect to a network" dialog so I can connect.

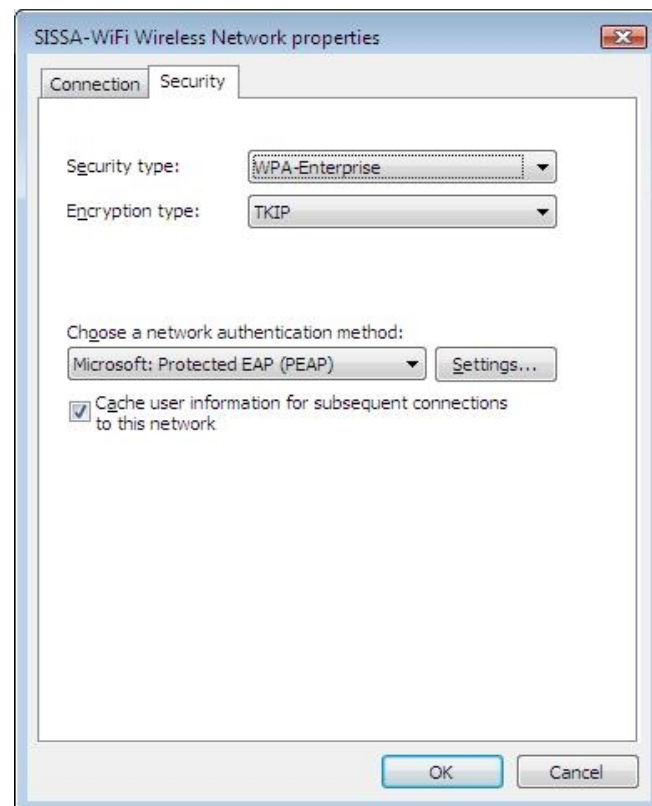
→ Change connection settings
Open the connection properties so that I can change the settings.

Close

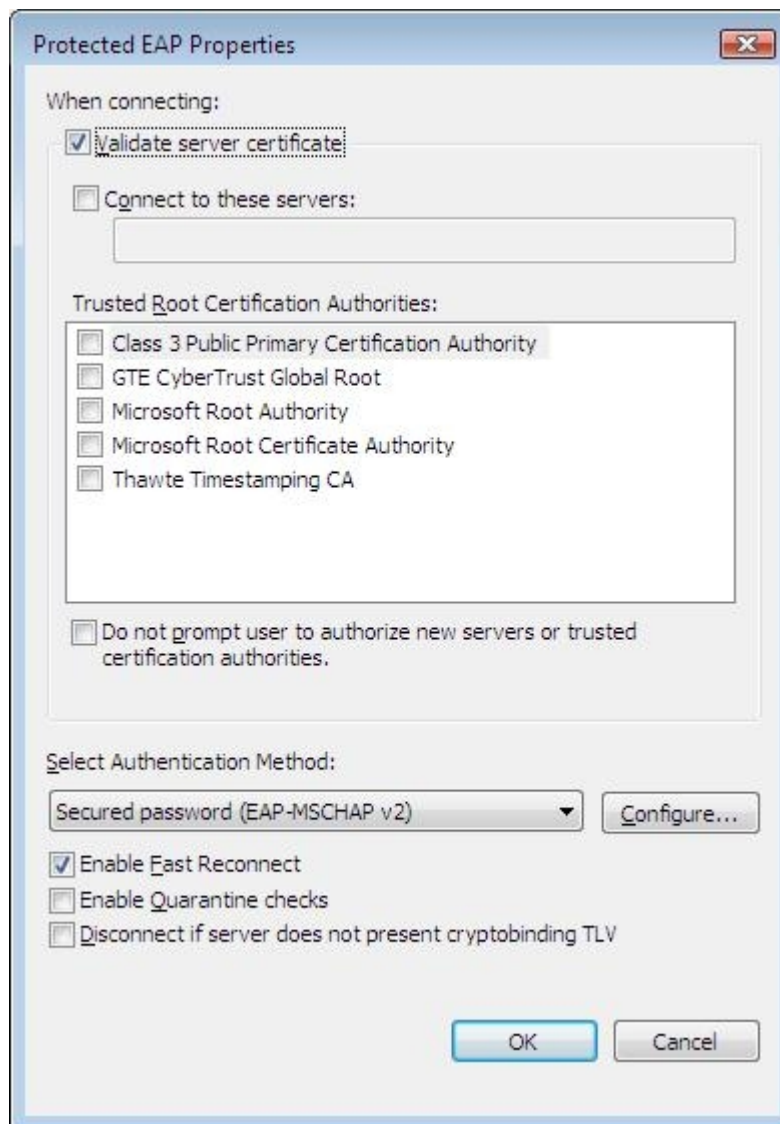
15. Select the 'Security' file card.



16. Security type and Encryption type should be already filled with the data you choose (WPA-Enterprise/TKIP or WPA2-Enterprise/AES). Select 'Settings' right of 'Microsoft: Protected EAP(PEAP)'



17. Now, in the 'Protected EAP Properties' box, unselect 'Validate server certificate', then 'Configure' at the right of 'Secured Password (EAP-MSCHAP v2)'.



18. Unselect 'Automatically use my Windows logon name and password (and domain if any)', and 'OK'.



19. Now from the 'Connect to a network' box, try again to log on the SISSA-WiFi network. After entering your credentials you should see:

