

REMOTE CONNECTION TO ETSEIB'S CLASSROOM COMPUTERS GUIDE

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REMOTE CONNECTION

1. Connect through UPC's VPN

To be able to connect to ETSEIB's Classrooms's PCs, it's mandatory to have UPC's VPN installed and running.

In the following link you'll find all the information needed to install it in your Operating System.

<https://serveistic.upc.edu/ca/upclink/documentacio>

2. Access ETSEIB's Intranet (<https://aules.etsuib.upc.edu>)

To access ETSEIB's Intranet, it's mandatory to previously activate UPC's VPN in your machine.

Once it's activated, open to the URL <https://aules.etsuib.upc.edu> and log in with your ATENEA credentials.

The following window will appear:



The screenshot shows a web browser window with the URL <https://aules.etsuib.upc.edu/ca>. The page header includes the ETSEIB logo and the text 'UNIVERSITAT POLITÈCNICA DE CATALUNYA BARCELONATECH Escola Tècnica Superior d'Enginyeria Industrial de Barcelona'. Below the header is a navigation bar with several icons and links: 'Horaris', 'Quota', 'Programari instal·lat', 'Canvi contrasenya entorn aules', and 'Accedir remotament a un PC d'aules informàtiques' (highlighted with a red box). Below the navigation bar, the page displays the date and time: 'Divendres, 27 de Març de 2020, 12:00:37'. A section titled 'Avisos Serveis Informàtics' contains the message 'No hi ha avisos vigents.'. Below this is a table showing the status of various computer rooms:

1.1	1.2
Disponible (29) (fins les 16:00h)	Tancada
	1.3
	Tancada
5.0	5.1
Ocupada (fins les 18:00h)	Disponible (32) (fins les 23:59h)
5.2	5.3

To connect remotely click on “Accedir remotament a un PC d’Aules Informàtiques”

3. Go to the section “Accedir remotament a un PC d'Aules Informàtiques”

Once you are in this section you will see a drop down list “Grups disponibles per accés remot”.

Passos a seguir:

1. Escolliu (si s'escau) un grup del desplegable
2. Cliqueu el botó d'*Obtenir connexió* i es descarregarà un fitxer
3. Segons el sistema operatiu que s'hagi sol·licitat:
 - En cas d'una connexió Windows executeu el fitxer i s'obrirà l'aplicació *Connexió a escriptori remot*
 - En cas d'una connexió Linux, abans d'executar el fitxer us heu d'instal·lar un visor d'VNC (<https://www.tightvnc.com/download.php>)
4. Valdeu-vos amb el vostre usuari/contrasenya habitual de les aules informàtiques
5. Disposeu d'un ordinador reservat per iniciar-hi sessió durant 5 minuts, ja que sinó s'alliberarà la reserva

En cas que tingueu alguna incidència podeu obrir un tiquet a suportic.etsib.upc.edu

Grups disponibles per accés remot:

IMPORTANT

Quan sortiu de l'equip feu-ho anant a *Inicio-Cerrar Sesió* (o mitjançant la icona corresponent que hi ha a l'escriptori) per tancar sessió i per a que l'equip quedi disponible per un altre usuari.

No reutilitzeu el fitxer de connexió descarregat. Baixeu-ne un de nou mitjançant el botó corresponent.

En cas que vulgueu un ordinador d'un altre grup, cal que primer tanqueu la sessió de l'ordinador remot i recarregueu aquesta web.

With this drop down list you'll be able to connect either to one of the available open use PCs of the classroom or, in case you have a Remote Class assigned, one of the assigned PCs.

Grups disponibles per accés remot:

- Grup de prova
- Grup general estudiantat

In this example, the student has available the group “**Grup general estudiantat**”, which is a general PC of the classroom and “**Grup de prova**” for teaching a specific subject in class (in your case, “Grup de prova” will have the name of your associated class). You'll have to choose from the list.

The groups from remote classes will activate 2 minutes before their start; on the other hand, the general group will always be active.

Once you've chosen the group, you'll be able to see the different systems available to work with. Either:

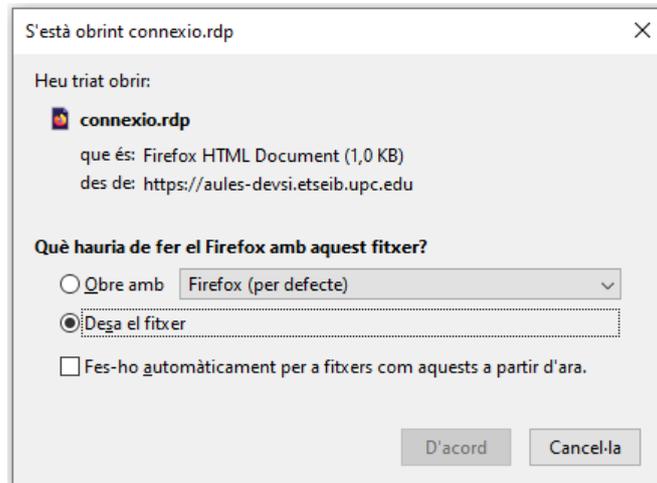
- Windows
- Linux

Grups disponibles per accés remot:

Select the operative system of your preference and download/execute the connexion file.

4. Windows

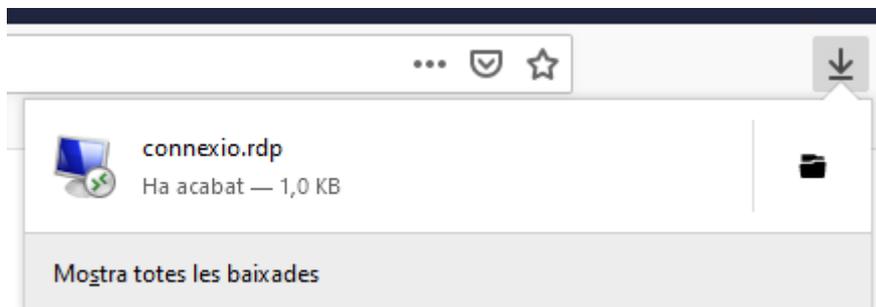
Download the “**connexio.rdp**” file and save it.



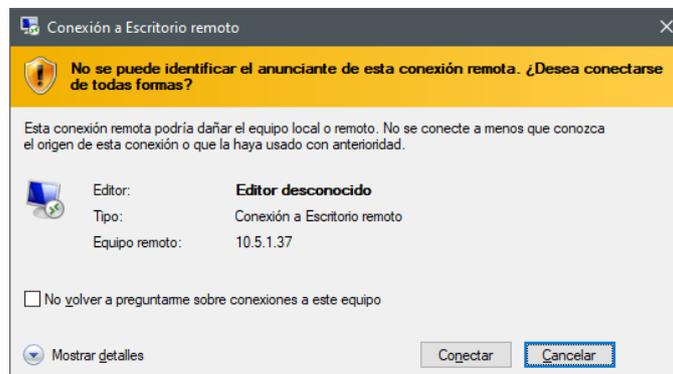
IMPORTANT: Do not use any previous downloaded RDP files. Each time you want to connect to a PC, you'll have to download again each file in order to assure that the PC is available.

a) Opening the RDP file with a Remote Desktop client (RDP)

Once downloaded the “connexio.rdp” file, execute it. You can do so by clicking on the file through the browser.



You should see something like this window:

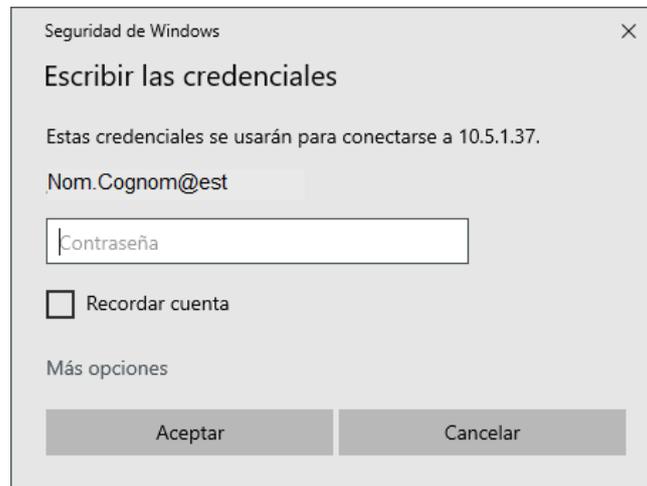


Clicking on “Conectar” will request your login data.

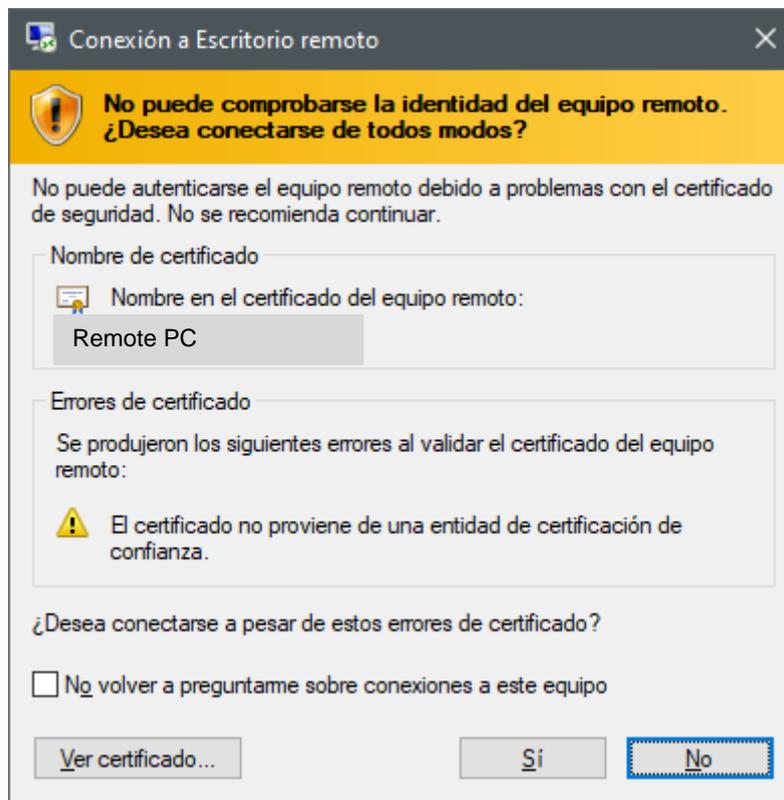
b) Connecting with your student account

You will only need to introduce your access key, the username will already be set:

- Access key: in case you haven't changed it, it will be **ddmmaaXX** (birth date, month and year with 2 digits and the last 2 digits from the ID (the one used for the enrolment))



Once introduced, a digital certificate window for the remote Machine will appear.

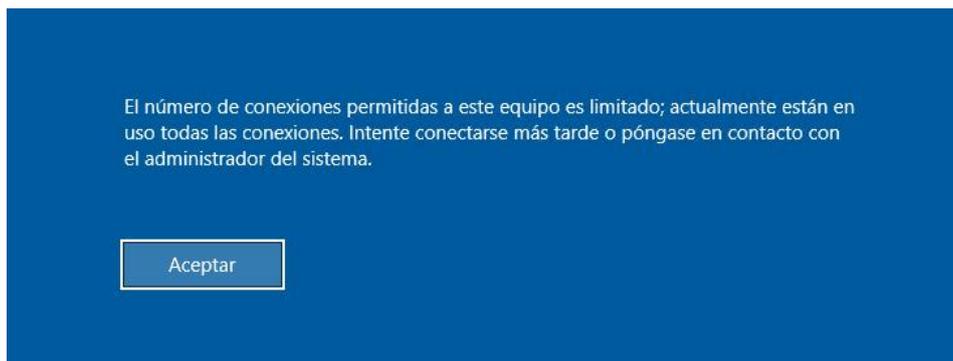


Once "Yes" ("Sí") button is pressed, you will be connected to the classroom's computer.

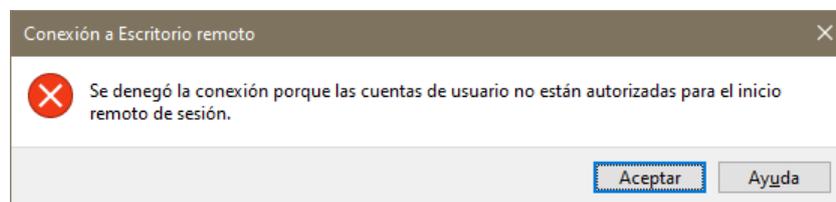
c) Working



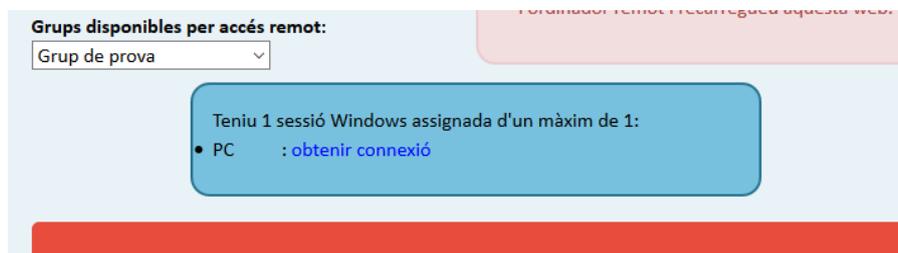
If you are trying to access a computer which is already being used, the following message will pop:



If you spend too much time working with the remote connection, you will be kicked with the following message:



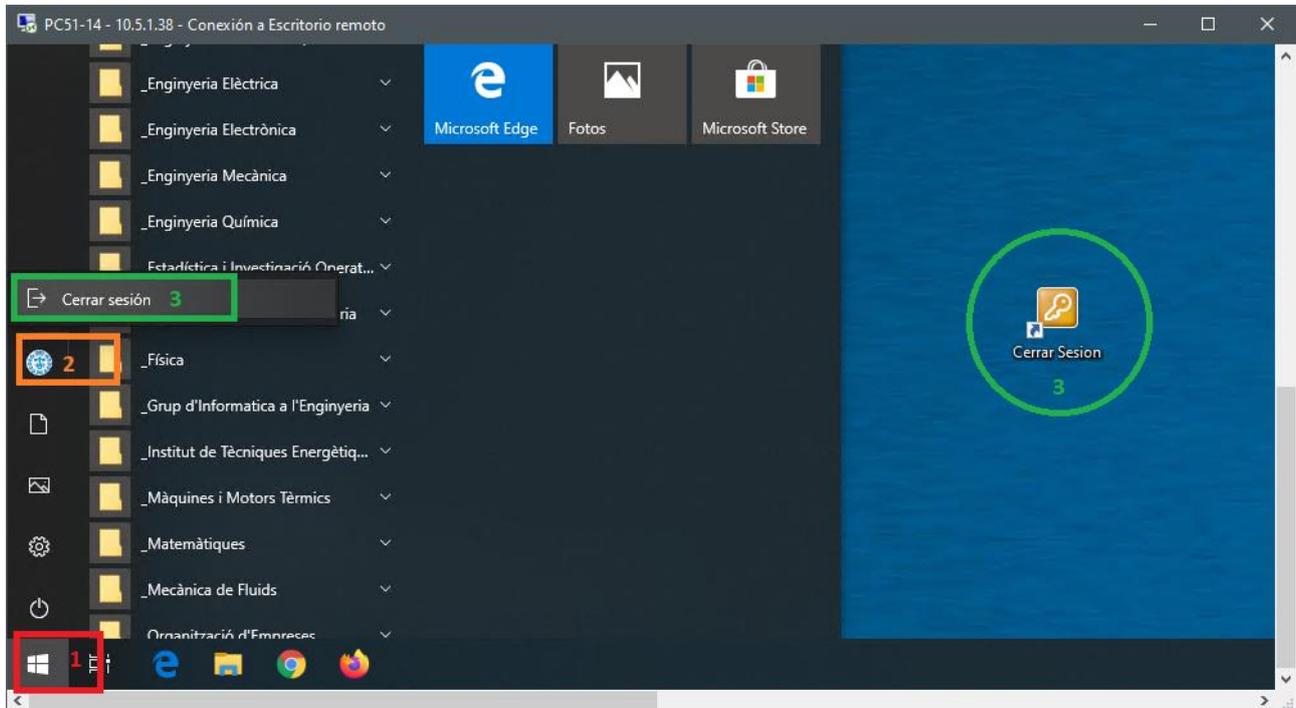
You will need to reconnect following the process from the start; since you asked for a remote connection, the system will tell you that you already have an assigned one. You will only need to open it again, and you will be able to resume your work just where you left it.



d) Logging out (IMPORTANT)

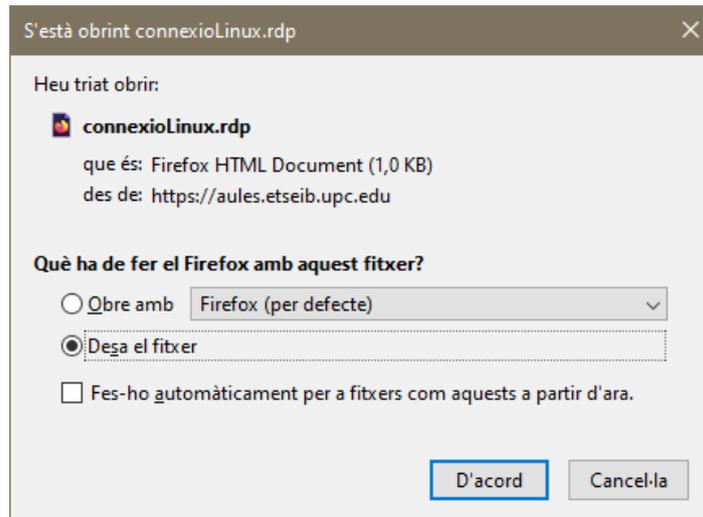
It is very important to remember to **CLOSE THE SESSION BY LOGGING OUT**. If not, the computer will be set as occupied and other people won't be able to use it.

Remember that you have an icon in your desktop, used to close the session, named "**Cerrar Sesión**".



5. Linux

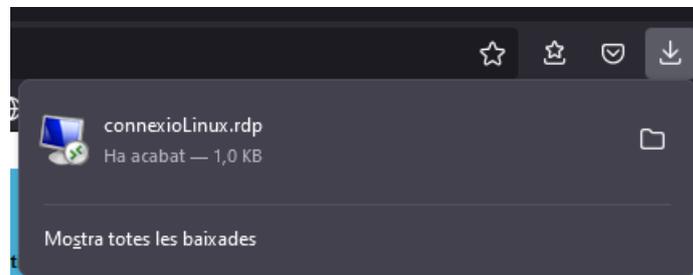
Click and download/execute the “**connexioLinux.rdp**” file. Remember to save the file.



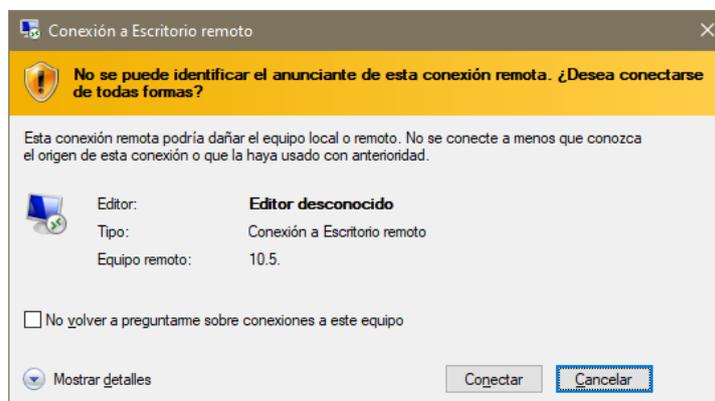
IMPORTANT: Do not use any previous downloaded RDP files. Each time you want to connect to a PC you'll have to download again each file in order to assure that the PC is available.

a) Opening the RDP file with a Remote Desktop client (RDP)

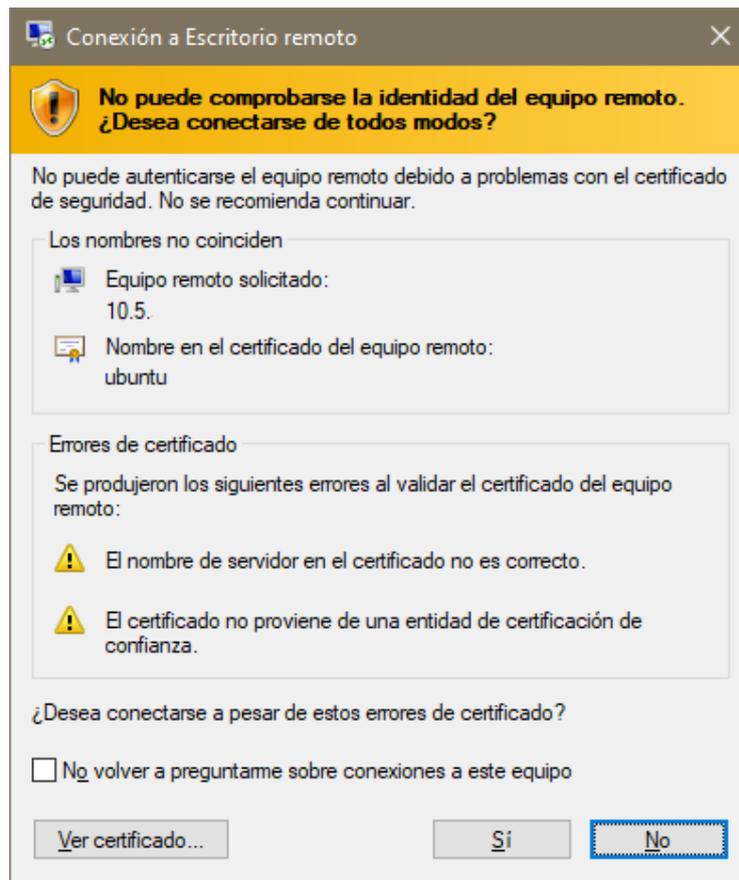
Once downloaded the “connexioLinux.rdp” file, execute it. You can do so by clicking on the file through the browser:



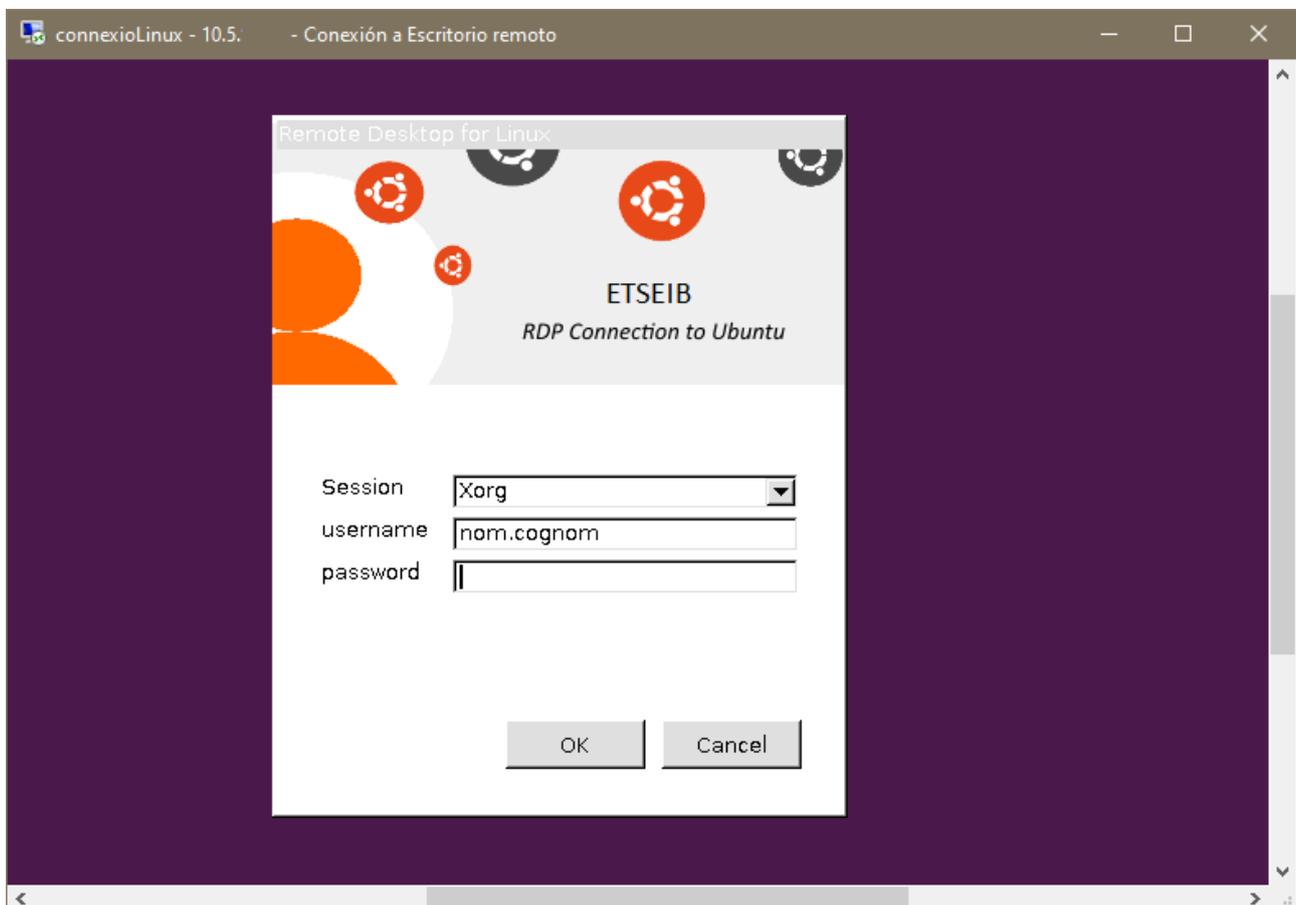
You should see something like this window:



Clicking on “Conectar” will request your login data.



Once "Yes" ("Sí") button is pressed, a window will open and you will be requested to write down your Linux account credentials:



If the username and password are both correct, we will be successfully connected to our account.



Now we can work remotely with no problems. Once we finish, we must close our session by doing one of the following options:

- Using the green icon that can be found on Ubuntu's left bar:



- On the Options Menu, found on the upper right corner:
 - Press *Exit*.

6. RDP Client (Remote Desktop)

Since you will connect to computers that have both Windows and Linux installed, a Remote Desktop client is required to do so.

Depending on the Operating System used in your personal computer, multiple apps are available:

- Windows:
 - It is already installed by default "Remote Desktop Connection".
- Linux:
 - There are lots of clients at your disposal, but "Remmina" works great.
 - You can find some info about how to install it here:
<https://remmina.org/how-to-install-remmina/>
- Mac:
 - "Microsoft Remote Desktop" app can be installed from App Store.

IMPORTANT TIPS

In order to save your data while being connected to the Computer Classroom:

Everything worked on your remote computer must be saved in your **P:\ Drive**, so that every change is saved in case some problem happens.

Have in mind that:

Computers with open sessions, but being inactive for 1 hour, will be shut down automatically.

If, by error, you have disconnected from the computer, without having closed your session, this will be active for 15 minutes.

In case you are not connecting anymore, session will be shut down automatically.