Configuring PuTTy and Xming for running simulations in mylly2.pub.chemistrylab.aalto.fi & transferring files with WinSCP

- 1. The Windows desktop computer interacts with the linux server through the X-windows system which forwards the display from the server to the desktop computer. Software must be installed on the desktop computer to make this link work. In the Aalto system, this can be done using the PuTTy terminal emulator and the Xming X-window client.
- 2. To get Xming running, first run *XLaunch* software. The default settings are ok (if your settings are not default, see the end of file for screen shots of an example of functional settings for the course)
- 3. To open a terminal window to Mylly2, run *PuTTy* with X11 Forwarding on. See screenshots below for functional settings.
- 4. To copy files from the Windows desktop computer to Mylly2, use *WinSCP*. Sample setup snapshots are below.

The software XLaunch, PuTTy and WinSCP are all in Aalto CHEM computer class windows computers. They are also available (no cost) to install on own private computers.

1. Configuring Xming (XLaunch)

Display settings	×
Select display settings Choose how VcXsrv display programs	
Multiple windows	C Fullscreen
C One large window	C One window without titlebar
Display number -1 (Specify -1 to let vcxsrv automatically choose of	one)
	< Back Next > Cancel
Client startup	×
Select how to start clients	
Start no client	
This will just start the xserver. You will be a	ible to start local clients later.
C Start a program	
This will start a local or remote program wh to start local clients later too. Remote prog	ich will connect to the xserver. You will be able rams are started using SSH.
C Open session via XDMCP	
Open session via XDMCP This will start a remote XDMCP session. S not available with the "Multiple windows"	tarting local clients later is limited. This option is mode.
C Open session via XDMCP This will start a remote XDMCP session. S not available with the "Multiple windows"	tarting local clients later is limited. This option is mode. Karak Next > Cancel

Extra settings				$\times \mid$
Extra settings				
Start the integrated clipboard manager				
Primary Selection				
Also map the PRIMARY selection to the windows clipboard. V Native openal				
Use the native windows opengl library (wgl). Make sure to export the LIBGL ALWAYS INDIRECT environment variable.				
Disable access control				
Use this when you want vcxsrv to accept connections from all clients. Additional parameters for VcXsrv				
	< Back	Next >	Cancel	
Finish configuration				×
Finish configuration Configuration complete				×
Finish configuration Configuration complete				×
Finish configuration Configuration complete				×
Finish configuration Configuration complete Configuration is complete. Click Finish to start V	cXsrv.			×
Finish configuration Configuration complete Configuration is complete. Click Finish to start V	cXsrv.			×
Finish configuration Configuration complete Configuration is complete. Click Finish to start V You may also save the configuration for later us	cXsrv.			×
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2. Configuring PuTTy





PuTTY Se	curity Alert	×			
?	The server's host key is not cached in the registry. You have no guarantee that the server is the computer you think it is.				
	The server's ssh-ed25519 key fingerprint is: ssh-ed25519 255 SHA256:nph897QVira0FeM4O91GpXrcv71XJ4mX8fpHt9l14ao				
	If you trust this host, press "Accept" to add the key to PuTTY's cache and cany on connecting.				
	If you want to carry on connecting just once, without adding the key to the cache, press "Connect Once".				
	If you do not trust this host, press "Cancel" to abandon the connection.				
He	lp More info Accept Connect Once Canc	el			

3) Configuring WinSCP & using it to copy and move files between the different computer systems



