

Dear Delegates,

In order to have access to a preconfigured working environment, we encourage you to download and install a virtual machine that has been developed specifically for the MSSC2024 school. This will allow you to maximise the learning process during the tutorials sessions and will allow each participant (either in-person or on-line) to have access to the CRYSTAL setup.

Please, follow the instructions reported below according to your operating system.

A) Linux, Windows and MacOS (before Apple Silicon)

- Download and Install VirtualBox (<https://www.virtualbox.org/>)
 - Note that VirtualBox may require Microsoft Visual C++. Please, install the version required by your computer architecture (x86, x64 or arm)
- Open VirtualBox to see if the installation has worked
- Import the Virtual Machine [*mssc2024_debian.ova*](#) in VirtualBox following the steps below:
 1. Select File → Import Appliance
 2. At the voice File, select the path to the file *mssc2024_debian.ova*
 3. Select the Machine Base Folder where you want to set the Virtual Machine [optional]
 4. Select the following MAC Address Policy: "Generate new MAC addresses for all network adapters"
 5. In the Additional Options, select Import Hard Drives as VDI
 6. Select Import and Wait for importing the virtual disk image
- In VirtualBox, select the imported Virtual Machine and then click on the Start button

B) MacOS (Apple Silicon)

- Download and Install UTM (<https://mac.getutm.app/>)
- Unzip the file [*mssc2024_debian_MacOS_arm.utm.zip*](#)
- Drag and Drop the Virtual Machine *mssc2024_debian_MacOS_arm.utm* in UTM
- Click on the Start button

Final common steps

- The Virtual Machine with Debian GNU/Linux 12 should start.
- Insert the password: mssc2024
- Customise the keyboard layout either by selecting it on the top right corner of the upper bar or by clicking on Activities (on the top left corner of the upper bar) and then Settings → Keyboard

You can find both *mssc2024_debian.ova* and *mssc2024_debian_MacOS_arm.utm.zip* either by clicking on the links above or by visiting the shared folder (Tutorials → Virtual_box): <https://imperialcollegelondon.app.box.com/s/v4e7aa1cyevaae6zk0dvpf46bail53cc/folder/283916324896>