

### XRD-analysis computer:

1. **The FACES reservation has to be made in order to use this computer** either remotely or in the lab, room 0514. This computer is listed as an XRD-ANALYSIS resource in the FACES reservation system.
2. **You may login into this computer only during the reserved time. Attempting** to login at different times could disrupt someone's work which will not be saved.
3. **You must log off on completion** as it may prevent other users from logging in.
4. All data files should be saved and stored **only in the "\_Data" folder on disk D:** (see details below).
5. Before using Remote Desktop you have to **login to UMD Virtual Private Network (VPN)**. VPN software is available from UMD web site. VPN may not be needed when using campus computers.
6. Login info is provided separately.

### Installed software:

1. **PDF-2 2013** – browsing/searching ICDD powder diffraction database.
2. **EVA4** - for XRD analysis including recent ICDD powder diffraction database for phase identification
3. **TOPAS5** - for Rietveld refinement
4. Microsoft Office 2013.

### In addition the desktop contains the links to:

- **FACES** – link for reservation
- Virtual Drives with External Data:
  - **X:** - virtual directory from **D8 Advance** computer (read only),
  - **Y:** - virtual directory from **C2 Discover** computer (read only).
- **WebCSD** – web access to Cambridge Crystal Structure Database of crystal structures for organic and metal-organic compounds.
- **WebICSD** – web access to Inorganic Crystal Structure Database.

### Storing data:

All user's data should be copied from X: or Y: virtual disks to **in the folder "\_Data" located on disk D:**.

You can open files directly from X: and Y: but you cannot save data there.

Please use/create your own subfolder in folder "\_Data".

Storing data on disk C: is not allowed due to its limited size. This disk is reserved for system software only. Data could be stored on the desktop (which is also on C: disk) only temporarily. If C: disk gets full Windows system starts failing and working slowly if at all.

Please let me know if you have any questions.

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