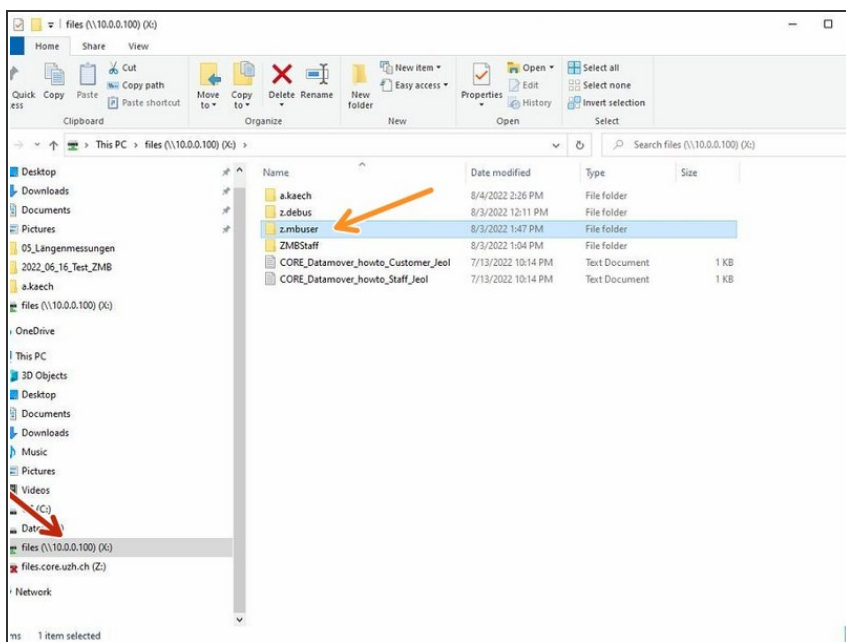# SEM - Jeol JSM-IT700HR: Part 2 - Saving data

How are single images saved and EDX/EDX data and how are all data transferred to the server. How do you open data on a VM to work with Jeol database files.
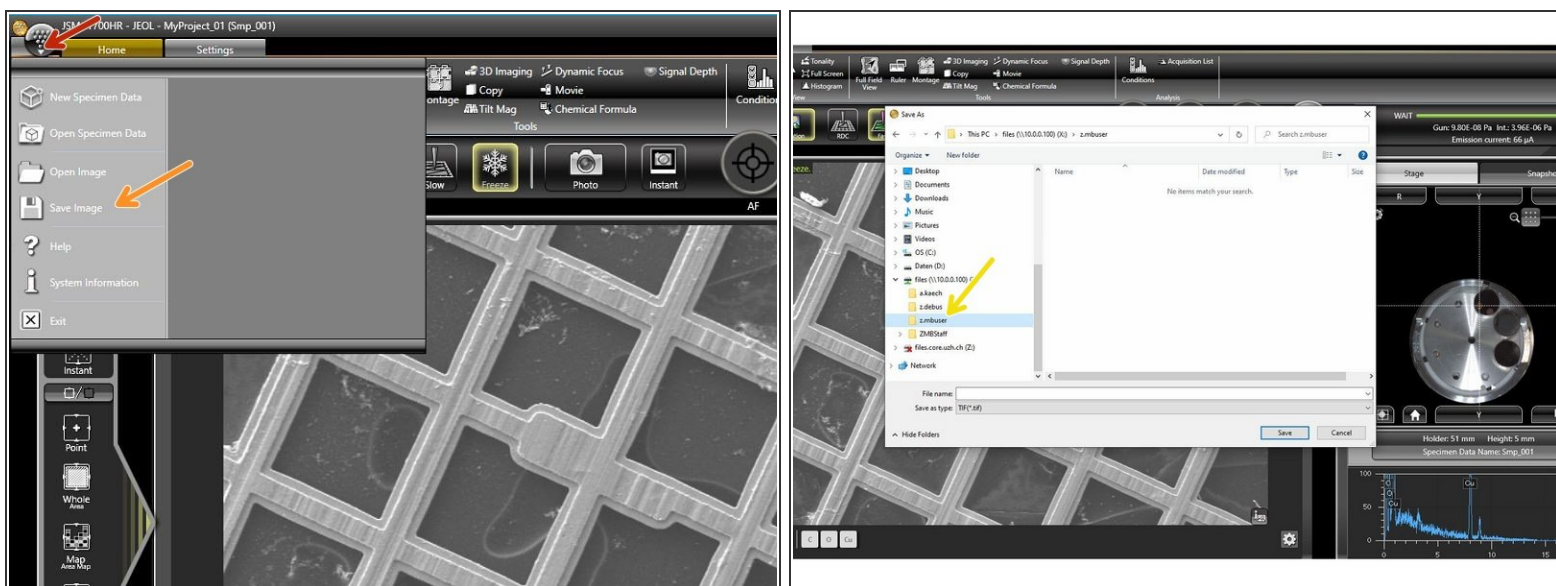
Written By: Andres Kaech

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Step 1 — Create your directory

- Open the file drive in the windows explorer.

- Create a folder with your ZMB username, e.g. j.doe

(i) Save all data in this folder.

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Step 2 — Saving single images directly to your folder

- Acquire image by scanning a frame with desired options and freeze.

- Open menu.

- Select "Save Image"

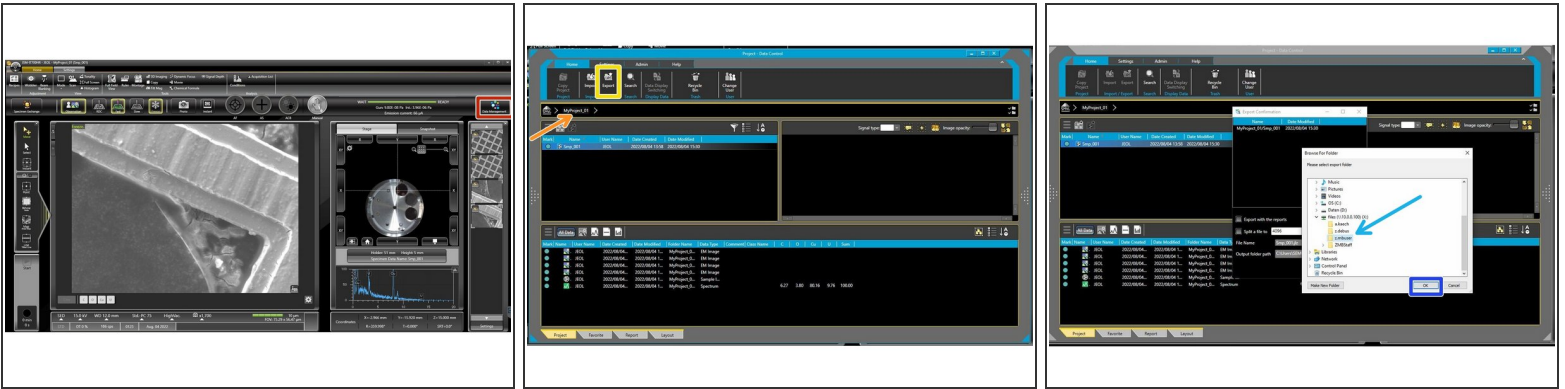- Select location, type in name and save your file.

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Step 3 — Using the autosave function

(i) When using the autosave function, images will always be stored in the internal Jeol database. Smileview is required to access images (see next steps) .

- Select "Settings" tab

- Select "Image"

- Activate "Auto Save" function.

- Select your created directory to store images and snapshots.

- Close window.

- Select "Home" tab and continue imaging.

- Press "Photo" to capture image and autosave (arrow). All images are kept in the image gallery (square) and saved to an internal Jeol database
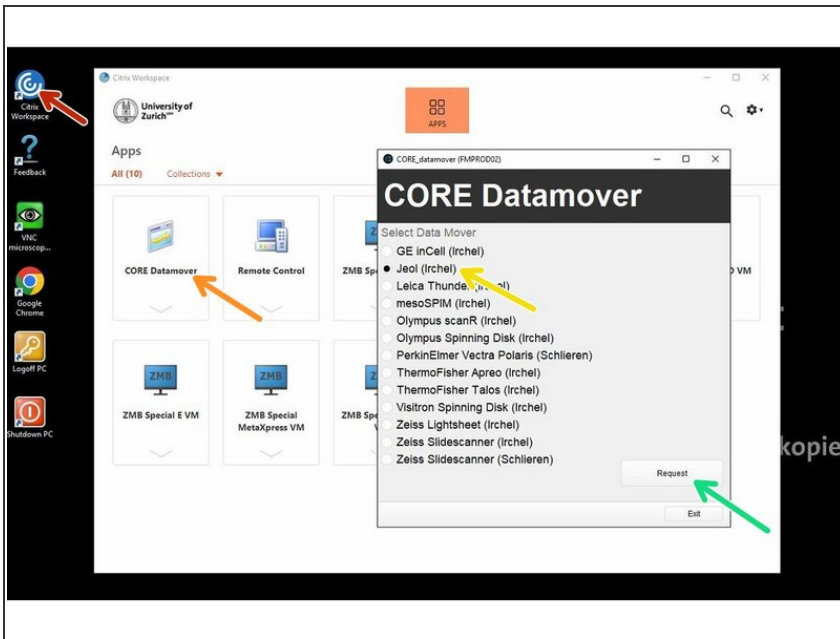
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Step 4 — Viewing data in Jeol database and exporting to your drive

(i) When using the autosave function and acquiring EDX spectra, all data will be stored in the internal Jeol database. Smileview is required to access images and spectra later.
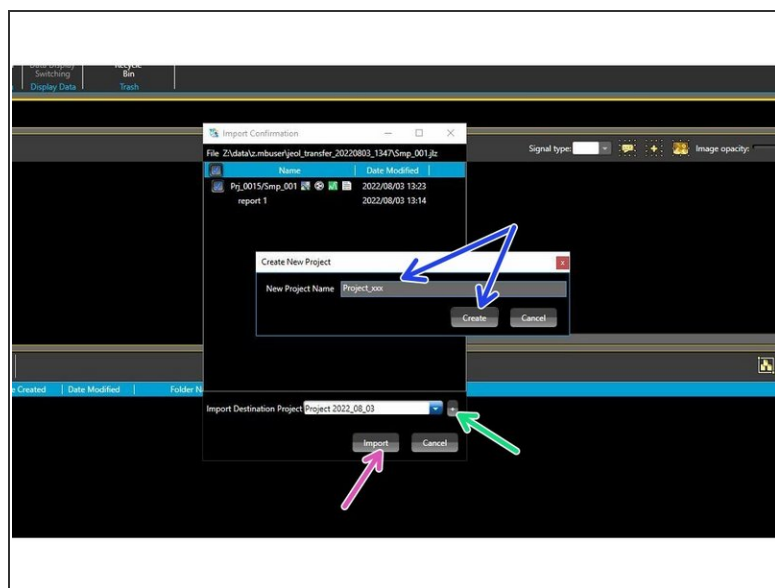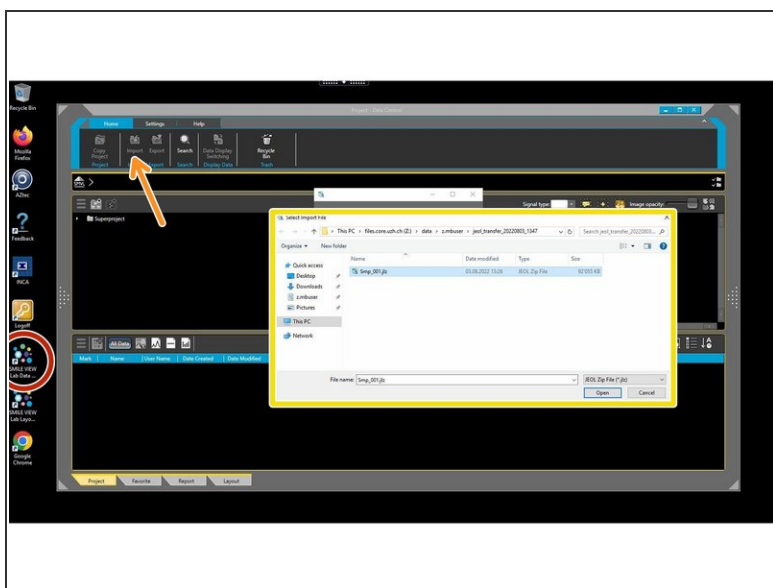
● Open Smile View software by clicking "Data Management".

● Click on your project e.g. MyProject_01

● Export data.

● Select your folder.

● Confirm and export

Step 5 — Transfer data to ZMB server

- Login at support computer.

- Start Citrix client.

- Start data mover

- Select "Jeol (Irchel)"

- Press "Request"

ⓘ You get a confirmation, that your request is created. You will be notified by email, as soon as your data are moved to the server in your directory, e.g. j.doe.

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Step 6 — Accessing your Jeol database data

- Book the "ZMB Special E VM" and login.

- ⓘ Only ZMB Special E VM contains the Smile view lab data control software of Jeol.

- Open the "SMILE VIEW Lab Data..." software.

- Click on "Import"

- Select your data.

- Create a project where the data should be imported to.

- Insert name and create.

- Import.

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