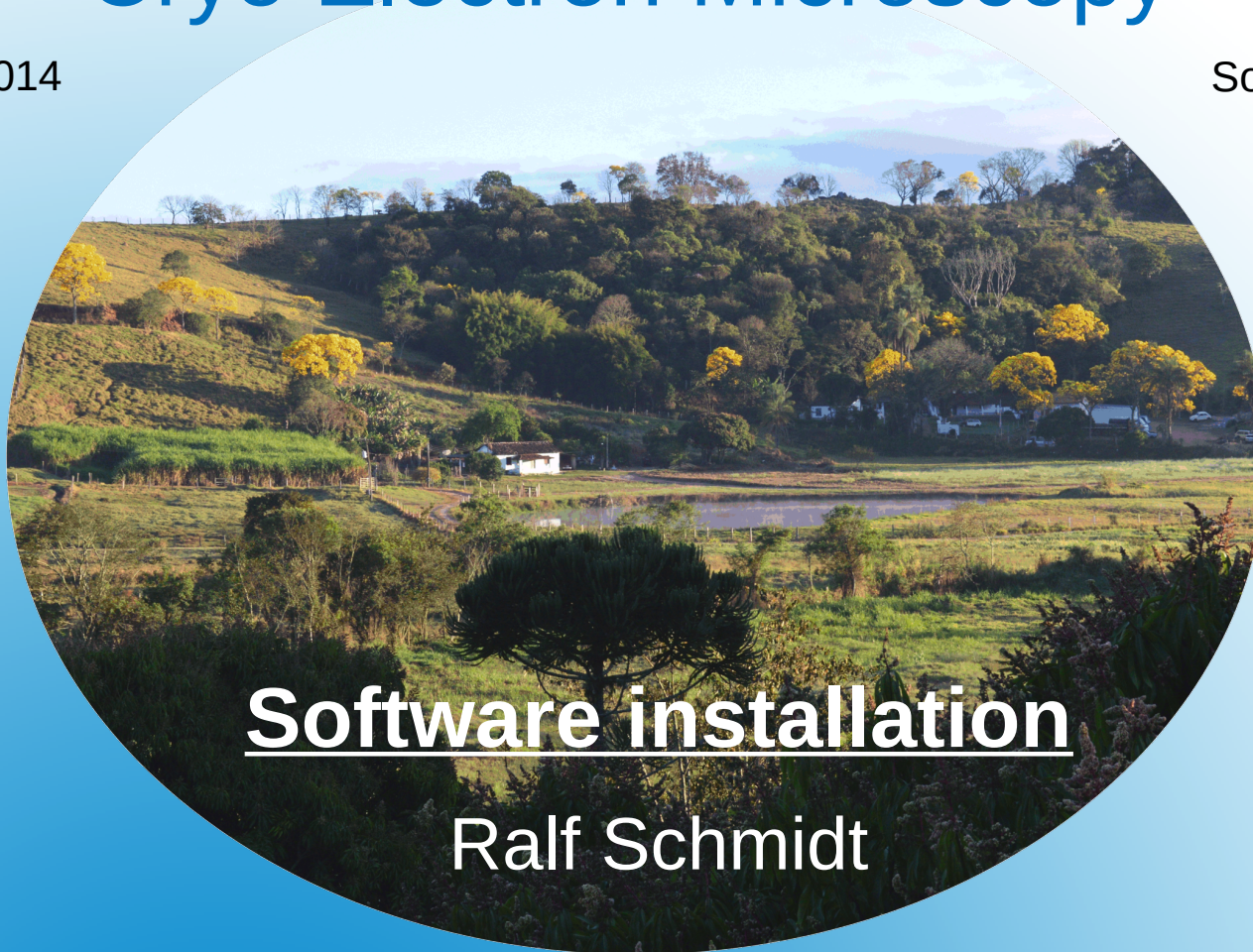# The Sixth Brazil School for Single Particle Cryo Electron Microscopy

14-26 August 2014

Socorro, São Paulo
Brazil

Software installation

Ralf Schmidt

6th Brazil School 2014

Software installation for MS Windows

- OpenMPI

- Java

- IMAGIC

Software volume

- Windows 7

  Mount the software volume by clicking the Start button, and then clicking Computer
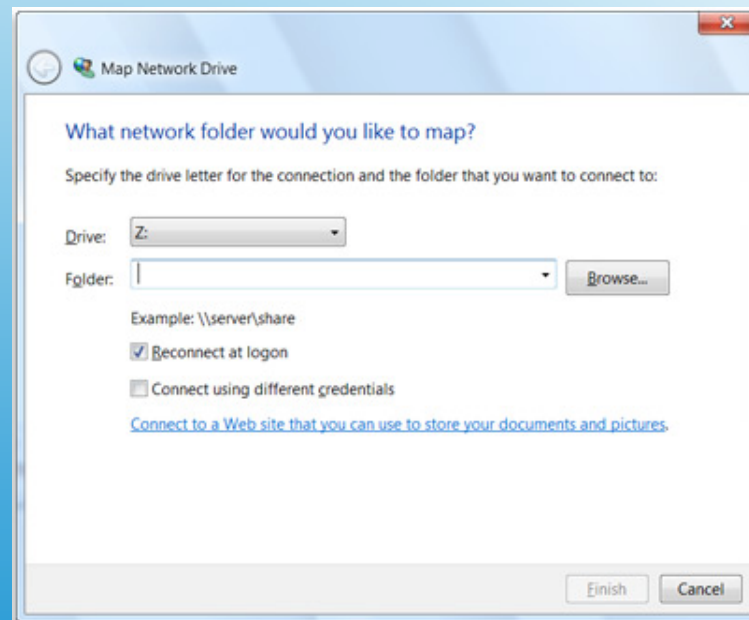
- Windows 8.1

  Click the Search field (or press the key combination [Win-Logo]+[R]) and enter Computer.

  In the result list, click the Computer icon

Map network drive

- Click Map network drive

Map network drive

- In the drive list, select a drive letter

- In the folder box add the drive name

  \\ImScWDMyCloud\school

- Click Finish

- When prompted, enter the username brazil and the password school

Select installation files

- Browse the Software folder on the network drive and select the Imagic directory

- Depending on your computer architecture, select either the Windows32 or Windows64 directory

Note: To find out if your computer is running a 32-bit or 64-bit version of Windows, do the following:

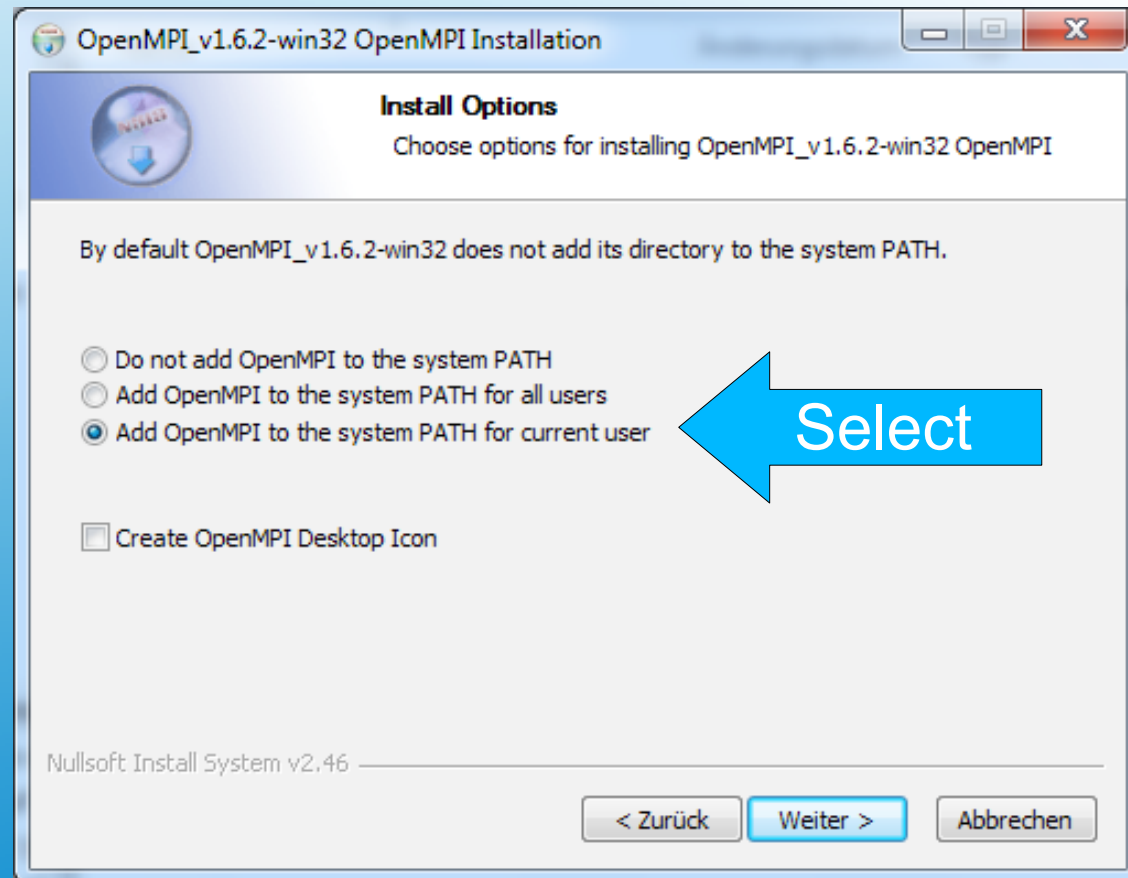Open System by clicking the Start button, right-clicking Computer, and then clicking Properties

Under System, you can view the system type

OpenMPI installation

- Double-click the file OpenMPI_<...>.exe

- Follow the graphical user interface and change the marked entries

Add OpenMPI to system PATH

- Add OpenMPI to the system PATH

OpenMPI installation folder
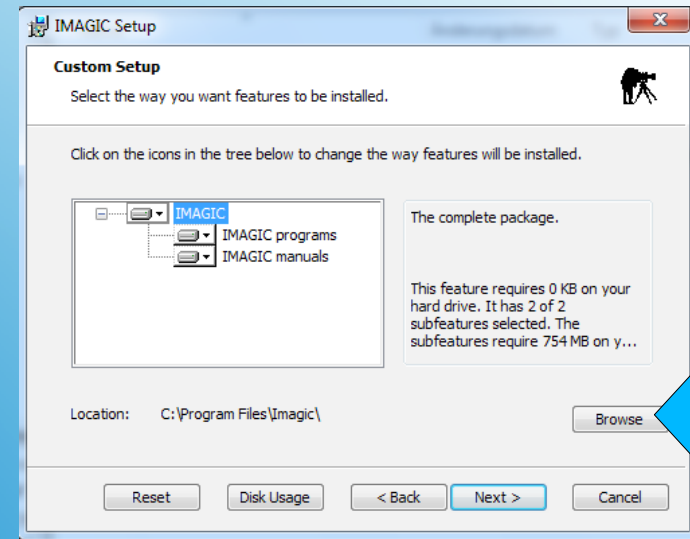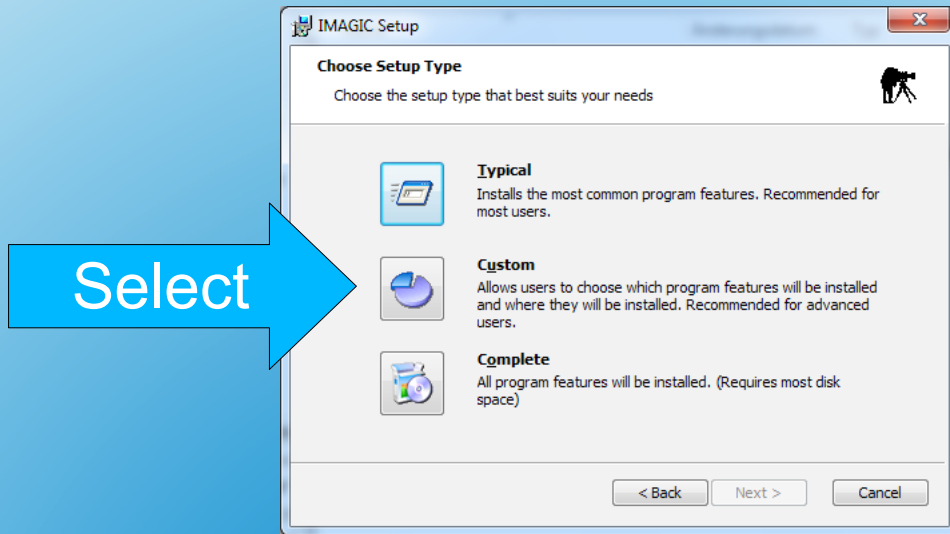
- Shorten the suggested directory name to OpenMPI
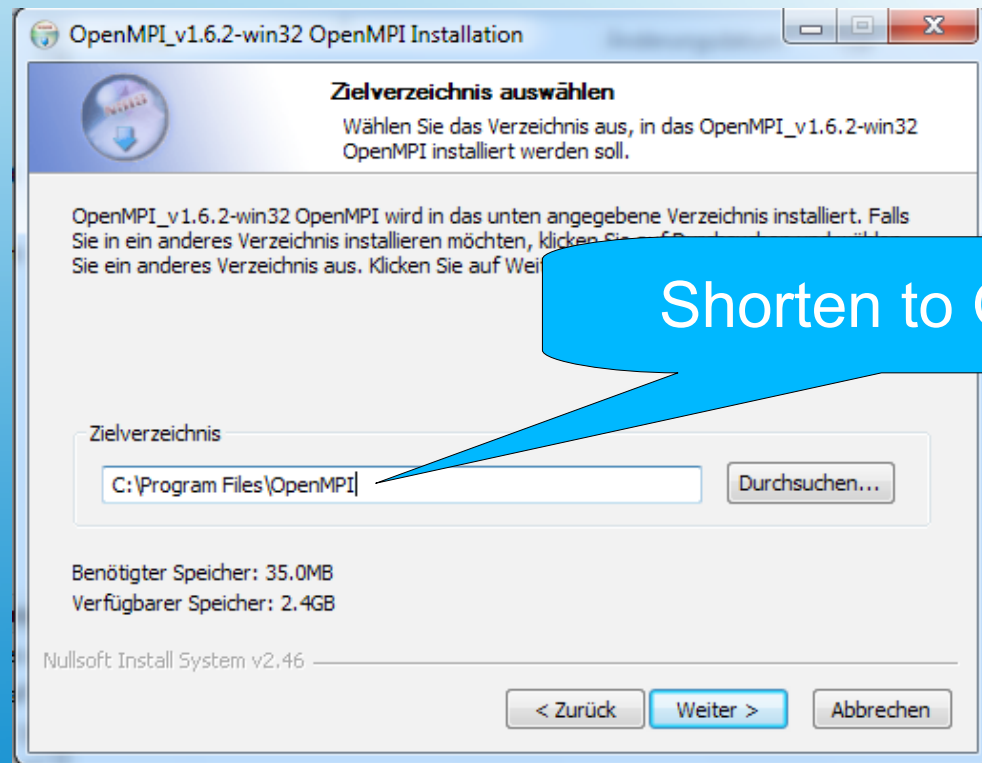
Java installation

- Double-click the file jre-<...>.exe

- Follow the graphical user interface and use all the defaults for the installation

IMAGIC installation

- Double-click the file imagic_win_<...>.msi

- Select „Custom" installation

- Change the installation path to C:\imagic

Select

Click

Work with IMAGIC

- Windows 7
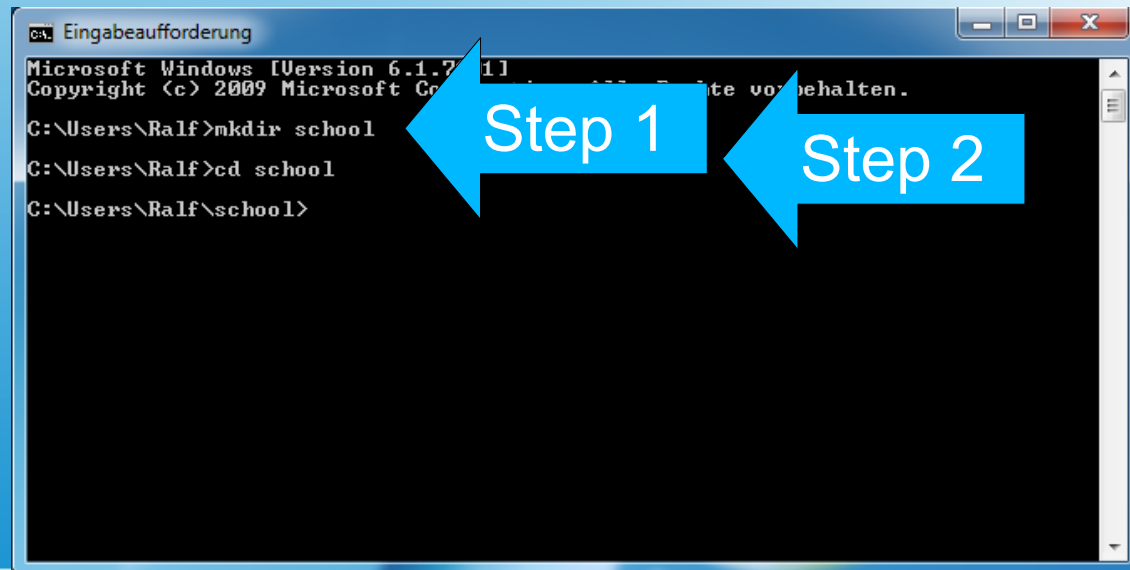
  Open the Command Prompt window by clicking the Start button and enter cmd in the text field. Click the highlighted cmd icon

- Windows 8.1

  Click the Search field (or press the key combination [Win-Logo]+[R]) and enter cmd. In the result list, click the cmd icon

Work with IMAGIC

- In the Command Prompt window create a working directory, e.g. school

- Change to the newly created working directory
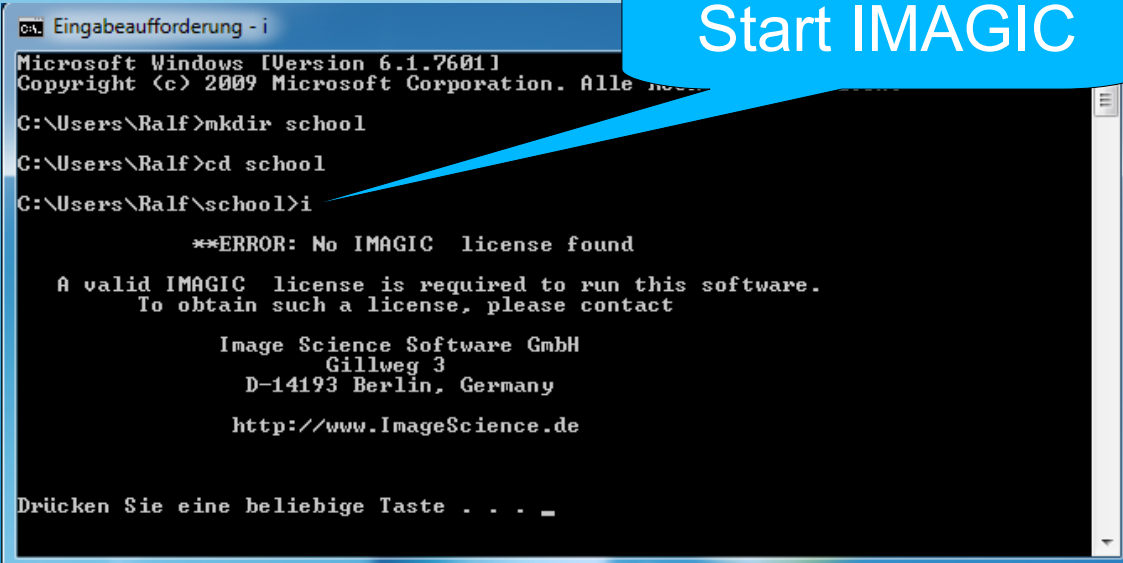
Work with IMAGIC

- Start IMAGIC by entering „i" or „imagic"

  Note: The first time you start IMAGIC, the system complains about a missig IMAGIC license file

Work with IMAGIC

- Ignore the „No IMAGIC license" message. You will not see it again

- Start IMAGIC by entering „i" or „imagic"

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Success

- You now have successfully installed the necessary software to work with IMAGIC

- Enjoy the 6th Brazil School for Single Particle Cryo-EM