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# **IMAGIC-5 Viewer**

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IMAGIC-5 display program  
for MS Windows

A short introduction

Version 3.2

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# IMAGIC-5 VIEW for MS Windows

## - Short Introduction -

### OPEN IMAGES

Use **File** and **Open**.

Browse and select your FABOSA image in the usual MS Windows way.

### LOCATION NUMBERS

If the IMAGIC-5 image file contains more than one image you can display other image locations by using the **Page Up / Page Down keys** or **Image** and **Location Number**.

### COPY AND PRINT

You can use **CTRL C** or option **File** and **Copy** to copy the current image into the MS Windows clipboard.

**CTRL P** or option **File** and **Print** can be used to print the active image or window.

### IMAGE

You can manipulate the active image. To invert the densities you can use **Image** and **Negative Image**. Please note that this option is very important when trying to find peaks / year rings with option **Profile** since IMAGIC-5 always expects peaks to be WHITE.

Various filters can be found by using option **Image** and **Filter**.

The original image can always be reloaded by giving **Image** and **Reload Original**.

## VIEW

Option **View** and **Brightness/Contrast** will allow you to change the brightness and contrast of the displayed image. This is for display only and will NOT change the image densities (which are used in option **Profile**, for example)

## OPTIONS

Option **Coordinates** is currently disabled.

Option **Profile** will give you the possibility to display profiles along lines which you can specify in the displayed image.

If **Profile** is enabled move the cursor to the wanted starting point and press the left mouse button. Keep the button pressed, move the cursor to the wanted end point and release the mouse button. The profile will be displayed.

The following additional options exist if **Profile** is enabled:

## PROFILE

These options are only available, if option **Profile** is enabled.

**Find Maxima:** Peaks found are displayed together with the profile.

The way peaks will be searched for can be specified using the following options:

**Deviation:** A peak must be  $x$ times the standard deviation above the mean value of the image densities. "x" can be specified.

**Threshold:** Peaks must lie above a threshold value which you can specify.

**Number:** You can specify the number of peaks that should be found.

For all options you also have to define a minimal distance between two peaks.

Additional options:

**Additional Info:** The profile and some peak information will be displayed.

**Grid:** A grid will be displayed together with the profile.

## WINDOW

Window will provide the options [Cascade](#), [Tile](#) and [Arrange Icons](#).

## RIGHT MOUSE BUTTON

Pressing the right mouse button will give you a local zoom image. Keep the button pressed to move along the image.

## MIDDLE MOUSE BUTTON

When pressing and holding the left mouse button the image densities will be inverted (display only).