

FSC

(IMPORTANT) UPDATES

OCTOBER 2014

- >> Printout of the resolution corrected
- >> Input of large 3D volumes corrected
- >> Call new em2em (if IMPORT is needed)

JUNE - DECEMBER 2013

- >> Display of the FSC curve corrected
- >> Call new em2em (if IMPORT is needed)

EM2EM

(IMPORTANT) UPDATES

SEPTEMBER - APRIL 2014

- >> New format PROTOMO added
- >> "FEI" is an allowed import format. User is subsequently asked for additional details
- >> User interaction for TIFF updated
- >> User interaction changed

MARCH 2014

- >> Error in converting internal data formats (float, byte...) corrected
- >> Import of stacked MRC files did not work any more
- >> SPIDER: Decode of header text corrected

FEBRUARY 2014

- >> Digital Micrograph: Import of dm3 and dm4 images added
- >> SPIDER: Import of stacked image files corrected
- >> SPIDER: Export to Spider corrected

JANUARY 2014

- >> Exporting to a stack of single image files did not work correctly (converting a set of FEI_MRC files to MRC files, for example)
- >> Digital Micrograph: Import of dm2 images added

>> CCP4 / MRC: Pixel size / resolution was not set correctly

DECEMBER 2013

- >> SPIDER export corrected
- >> Incorrect MRC format LONG removed
- >> Input a set of images using <root_name> plus <number>: the number "0" can be used now
- >> Input a set of images using <root_name> plus <number>: the default extension was not used in the previous version

JUNE - DECEMBER 2013

- >> New organisation of the user interaction block
(please update your script/batch job files)
- >> All formats updated
- >> Help and user interaction block updated
- >> FEI mrsc format added
- >> FEI raw image format added
- >> Formats KONTRON, PGM P5, XPLOR updated
- >> Take care of signed/unsigned data
- >> In case input and output type/formats are the same but differ in
signed/unsigned there is a choice to keep the type/format or
to retain the density values
- >> Option FILE_OF_FILENAMES (list file with input file names)
added for many input formats

MAY 2013

- >> Missing 3-D conversion enabled again
- >> CCP4 option could not be chosen – re-enables gain

APRIL 2013

- >> GUI windows version updated

MARCH 2013

- >> New organisation of the user interaction block
(please update your script/batch job files)
JPEG added
TIFF format updated
Type of MRC file (created by FEI, IMOD...) automatically detected

JULY 2012

- >> TIA (Emispec) format added. TIA is the program used on FEI Tecnai and Titan microscopes for acquiring and displaying scanned images and spectra.

JUNE 2012

- >> BUG FIX: Import from multiple image SPIDER file
2D image stacks are now correctly read in
- >> Export to MRC
The space group header parameter is set now:
"0": 2D image(s) / "1": 3D volume

SPRING 2012

- >> MRC import
IMOD MRC added
FEI MRC added