



Stereo Investigator

Release Notes

Version 2019.1.4 (6/28/2019)

ISSUE RESOLVED

- Fixed a crash when embedding a scalebar in an image

Version 2019.1.3 (6/28/2019)

ENHANCEMENTS

- Cell detection workflow - step 3: Added input text box to filtering slider under Parameters.

ISSUES RESOLVED

- Combined Point Intercept: Vertical lines not drawn correctly
- Orthogonal Intercepts: Cannot be accessed via Quick Launch.
- Physical Fractionator workflow – step 8: Crash when skipping acquisition of reference images (Windows 10)
- Area Fraction Fractionator: Marker 1 cannot be selected.
- Cell detection workflow - step 4: Strength filter doesn't work.
- Cell detection workflow - step 3: Preview doesn't work properly.
- Images: Associated image doesn't open with data file.
- Slide scanning workflow: Issues with multichannel acquisitions; number error message
- 3D contours: Contour color may change when selecting a different option under 'Show as.'

Version 2019.1.2 (3/5/2019)

ENHANCEMENTS

- Slide Scan workflow - step 1: fluorescent scan automatically selected when multichannel is enabled;
- Slide Scan workflow - step 8: "acquire sample image" unchecked by default;
- Slide Scan workflow - step 10: user no longer prompted to save background correction image (brightfield only).
- File>Preferences: "Show lens in Quick Access toolbar" added.

ISSUES RESOLVED

- Slide Scan workflow- step 1: step icon not updating after an error.
- Slide Scan workflow - step 7: default fill color for brightfield was black; changed to white; fill color not in sync with controls.
- Slide Scan workflow - step 8: sample acquisition operation may hang; controls are disabled when Sample Acquire in not checked; xmp error when scanning a sample.



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- Optical Fractionator workflow: Tracing step defaults to section 1 even when it should point to a different section.
- File>Preferences: "Show marker name" checkbox doesn't stay checked.
- 3D contour editing: Contour color box doesn't reflect the color of the selected contour; circle editing doesn't allow the circle to be small.
- Serial section manager: Does not show selection while Optical Fractionator workflow is open.

Version 2019.1.1 (01/07/2019)

NEW FEATURES & ENHANCEMENTS

- Slide scan workflow added to simplify slide scanning
- Completely redesigned Preferences panels with a handy search functionality
- Export: New "Set neuron colors" button and button to launch neuron preferences (#159494231); scalebar color and placement controls; new EMF detail slider.
- Fractionator probes: Site details results added; details toggled in Preferences>Stereology Results.
- Physical Fractionator probe: Bioluminescence integration (#159853825)
- Huron support: Huron jpeg files, definition for Huron file extension, support for Huron TIFF images
- 3D contour editing: Added button to reset all selected contours/shells back to Line mode display.
- Slide scanning assembly operation: added notification about missing tiles or partial assembly; enabled assembly with missing tiles for partial acquisitions.
- Sections: Display warning message when user attempts to change sections while moving to the next section.

ISSUES RESOLVED

- Optical fractionator workflow: Subject Info removed when "use existing sampling parameters" selection is changed (#157014389).
- Excel export: Site markers occasionally listed more than once; : Labeling errors for Resample Oversample (#159606443)
- Area Fraction Fractionator probe: Erasing markers failed if user tried to delete a previous and incorrect type at the site first (#158853245).
- Counting frame: Issues with Zoom In in when defining the counting frame outside of a probe (#160152572).
- Probes ribbon bar: Blue gear button disappeared from the Recent Probes group after running a new probe (#159286036)
- Contours: Circle contours cannot not be placed in a section (#151551120); Crash when splicing contours while the Contour Measurements window is open (159341745); meander scan doesn't display right-click menu options with square or circle contours (159120595).
- Depth filter: Asymmetrical depth filter was removed from program, now available from Orthogonal View (#158457593).



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- Orthogonal view: Go Here operation changed to move to the nearest bitmap instead of Z value user clicked on.
- Export: Images misaligned in exports (#160928304); when tracing outside of the export area was still visible, open contours have sharp edges; Scalebar color change isn't implemented in vector graphics (159581911).
- 2D-3D synching: 2D and 3D thicknesses not consistent after changing thickness.
- Image scaling: Sometimes incorrect scaling resulting from dragging multiple image files into the application
- Images: Multiple problems processing large jpeg2000 files
- Markers: Don't resize with micron sizing selected (#159039066)
- 3D editing: Edit button in 3D doesn't show any text.
- 3D contour editing: marquee selection wasn't working in Points mode and caused crash (162521570); displayed Marker panel instead of Contour panel when clicking Edit button; changing contour appearance was not reflected in selected contour; contour shell could not be built; the surface was not being updated when switching to Points mode; color change and transparency were not applied; Points mode crashed or didn't move the correct point for circle and freeform contours (160495052, 155781741).
- 3D marker: Marker sizing UI issue (#160556120)
- 3D movies: Zooming didn't work when using perspective projection
- Files: Removed caliber .DAT from image format list (#160693959); removed .fpx from Image open drop-down; text-based codestream comments in J2K files were not readable as text with KDU library -> now you can use a Hex Editor: simply search for "Compression" and change the Hex byte directly before it from 00 to 01 (e.g "00 18 00 00" to "00 18 00 01").
- 3D image: Rounding error with partial projection thickness (159633559); changes to the partial projection thickness and position can now be applied using the Enter key (159633559).
- Leica: Modified device code for Leica scopes so that device command sequences made with old state names will still work on devices that have had their state names updated to be more descriptive state; Leica.cpp and h Enabled code for adding fast filter wheel; Small modification to Leica scope code to accommodate what appears to be a modification in the format of Port information delivered by the Leica SDK.
- Sections: Issue with Modify Section dialog where changes to current section checkboxes persisted despite cancellation (159408607).
- Slide scanning: Scaling and original position information couldn't be stored in some 2D images created with the Scan Slide operation.
- Hardware: Added ability to remove X-Cite devices when the device is not implemented by that specific model (120PC, eXacte, 120LED, XYLIS) of X-Cite light source; Added new persisted setting to support X-Cite XYLIS light source XCite.cpp and h XCiteSetup.cpp and h Added support for the X-Cite XYLIS light source; Device Controls gear button launches old Preferences (159667249).