

GeoPIXE Recent News

Version 8.9g

New Help windows

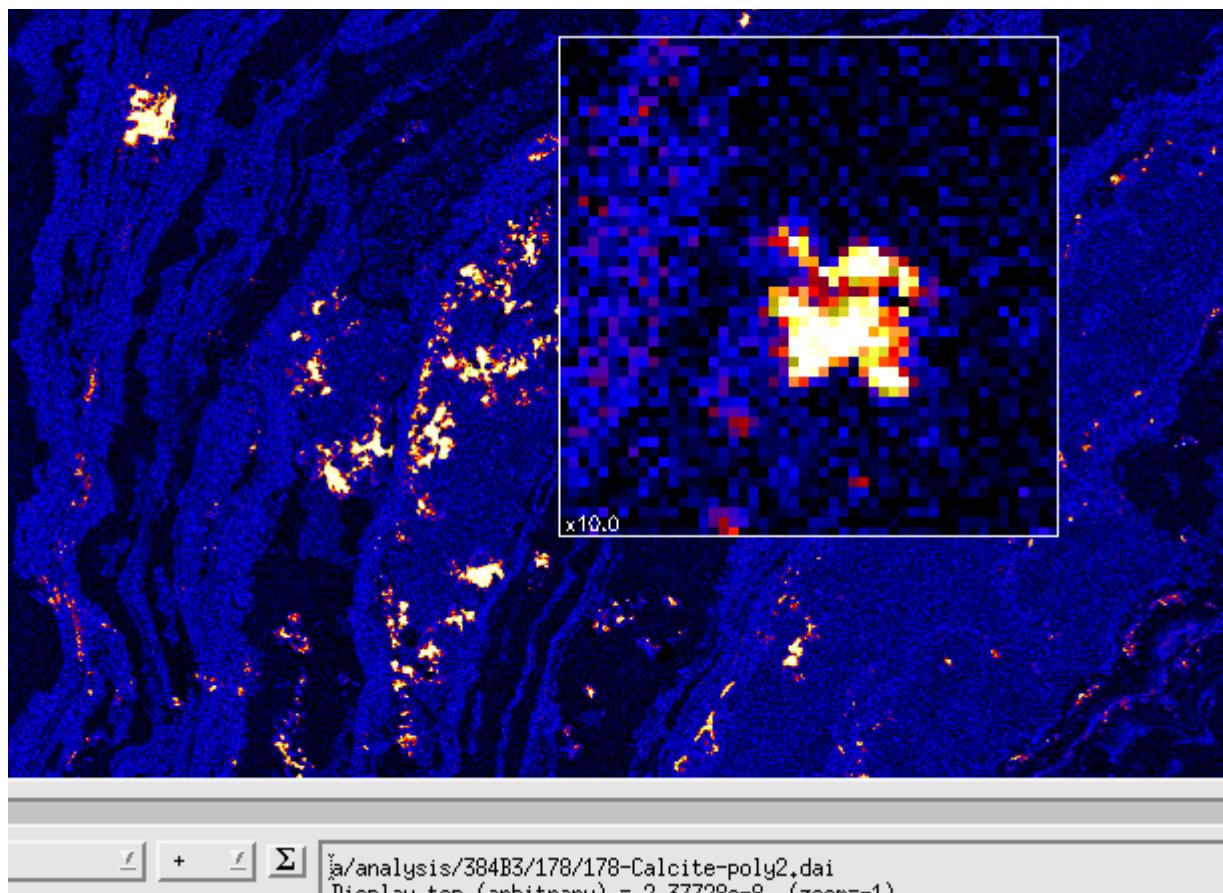
The “Help” menus on the *Image* and *Spectrum Display* windows have been updated to open embedded browser windows showing aspects of the GeoPIXE documentation, such as *GeoPIXE Overview*, the *GeoPIXE Manual*, *Maia detector* notes and the *GeoPIXE Worked Examples* and including the open source *GeoPIXE GitHub* link and links to the *Worked Examples data* on CSIRO DAP.

Small “?” buttons in the bottom-right corner of most windows will launch the new help browser for the *GeoPIXE Users Guide* and jump to the section for that window.

Version 8.9e

Magnify Zoom in the Image window

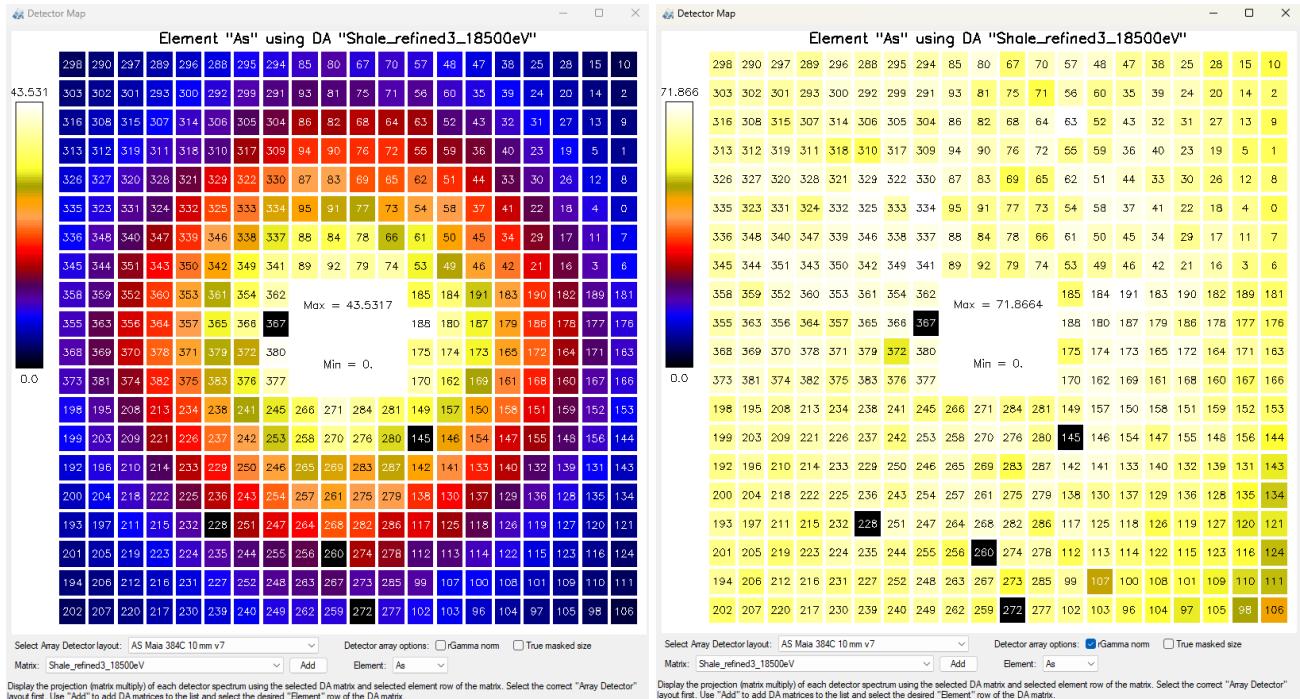
Holding down the *Middle Mouse button* (or zoom scroll wheel) will show a magnified view of the pixels near the cursor in the *Image* window. The zoom will always show magnified pixels regardless of the current ‘zoom’ level. Click and drag to move the “magnifier” across the image.



Version 8.9d

Detector Map

A new *Detector Map* window (see “Detector Map” on the “Windows” menu on the *Spectrum Display* window) can be used to show the count-rate (or element concentrations) variation across the Maia detector array (or any array detector). It processes spectral loaded into *Spectrum Display* for individual detector channels. You can load and select a DA matrix file, which is used to transform these spectra into element signals, detector by detector, using a selected array detector layout spec. The model variation in *Relative Sensitivity* across the array (rGamma) can be normalized out with the “rGamma norm” option.



Colour Maps

Added colour tables for the “Inferno” and “Viridis” colour maps.

X,Y Histograms in Association

Added X and Y projection histograms to the *Association* window. Access using the tabs on the right side.

Batch Wizard

A new Wizard has been added as a more extendable replacement to *Batch Sort*.