

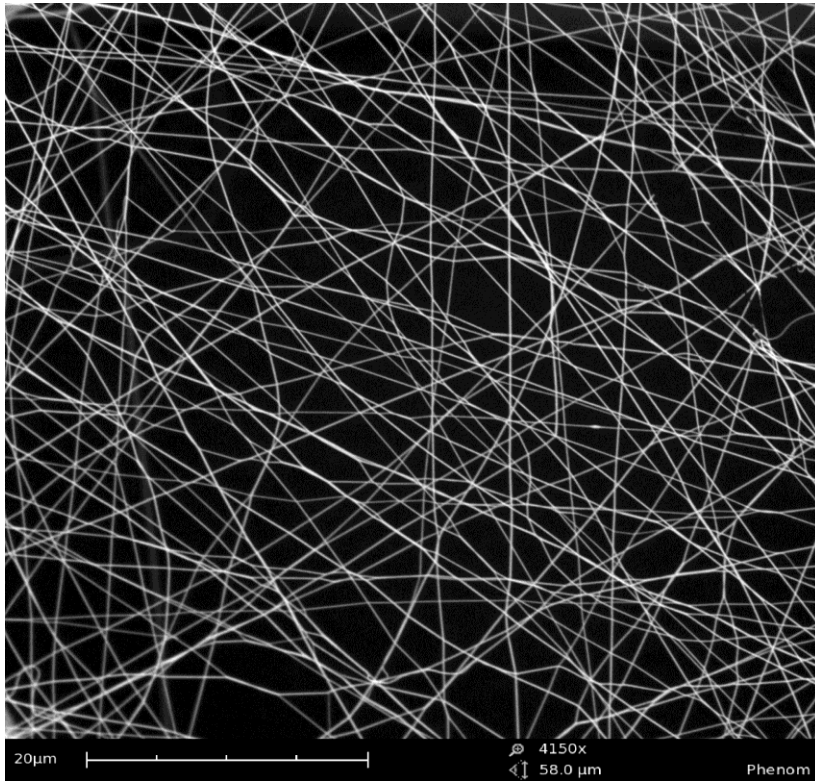
# Fibermetric 2.0



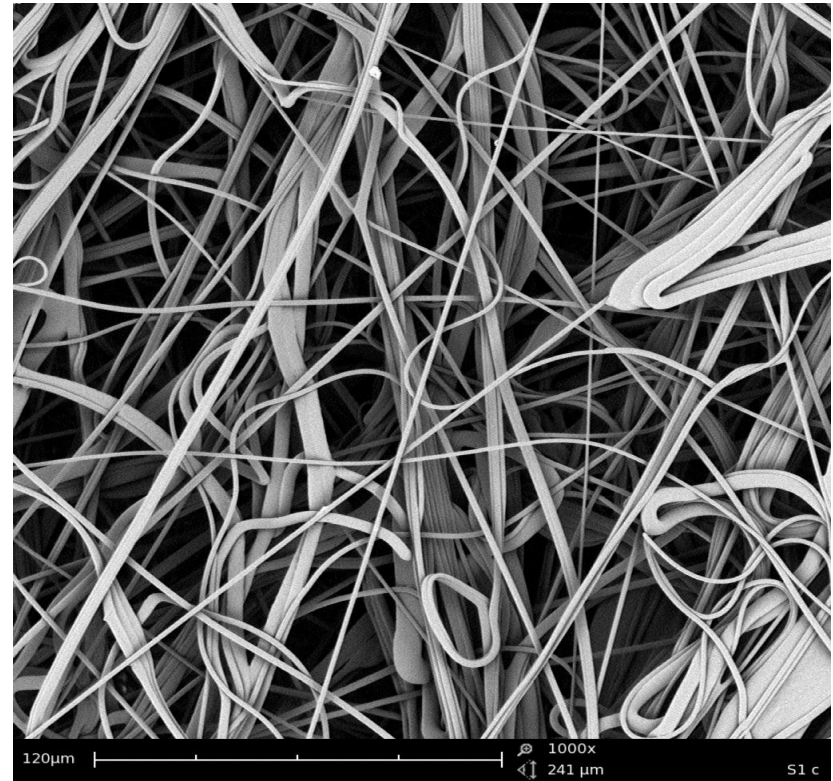
June, 2011

## Fibermetric 2.0

With Fibermetric 2.0 it is now possible to measure Melt blown type samples in addition to Spunbond and Electrospun fibers and filter structures



Spun bond fibers



Melt blown fibers

# Fibermetric 2.0 – Improvements

## Algorithm

- Improved detection and orientation of the fibers
- Improved randomization of measurement candidate selection
- Improved automatic radius detection
- Improved number of measurements accuracy

## User interface

- Select multiple images for automated measurements
- Automatic feature size detection
- Measurement details are shown in status bar (median/mean/SD)

## Performance

- Manual measurements can be included in the fiber histogram
- Faster one-click measurements
- Improved one-click accuracy (now scales with zoom level)
- Faster measurement drawing
- Fixed FM1.0 bugs

## Exporting

- Screenshot is exported with project
- Export images with burned in measurements
- Fixed saving images in TIFF format
- Histograms can be exported with project

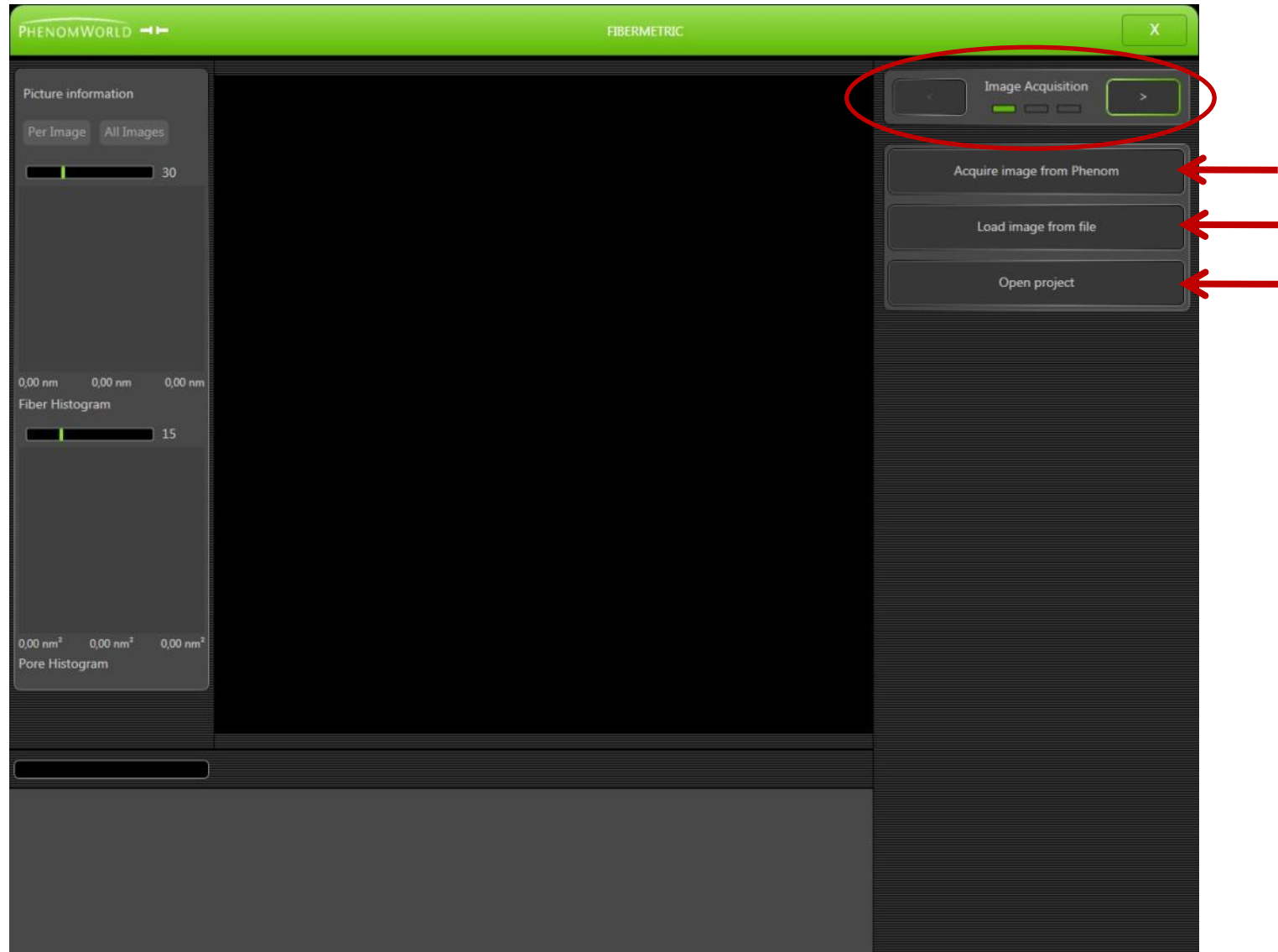
# Fibermetric 2.0 – Improvements and benefits

Step 1 and 2 in the FM1.0 user interface have been merged into 1 step.

The imaging section has been removed from Fibermetric.

This improves the usage and speed of Fibermetric.

Images are being made with the Phenom. Analysis is done with Fibermetric.



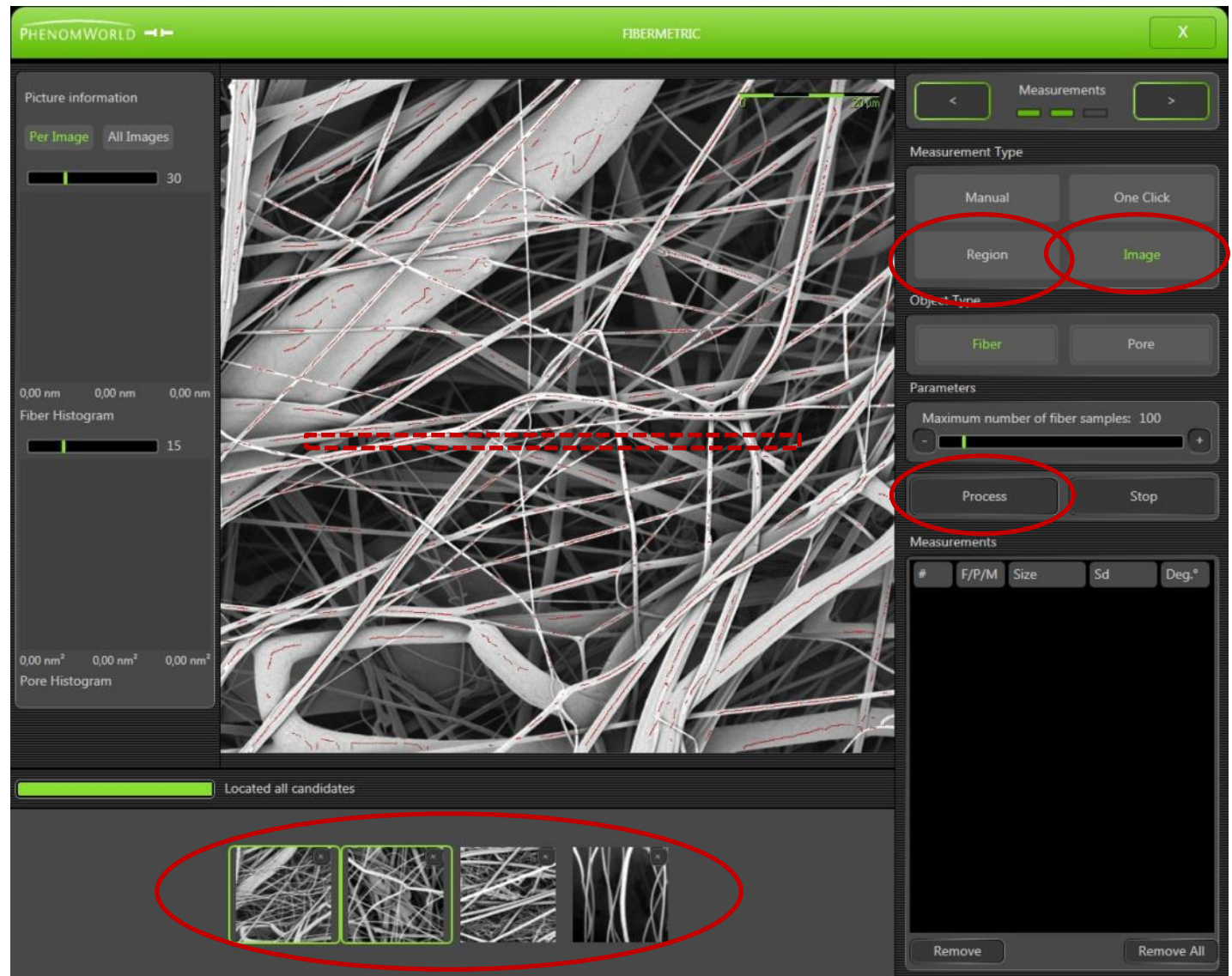
# Fibermetric 2.0 – measurements

## Improvement

- Process multiple images at one time

## Benefit

- Faster analysis



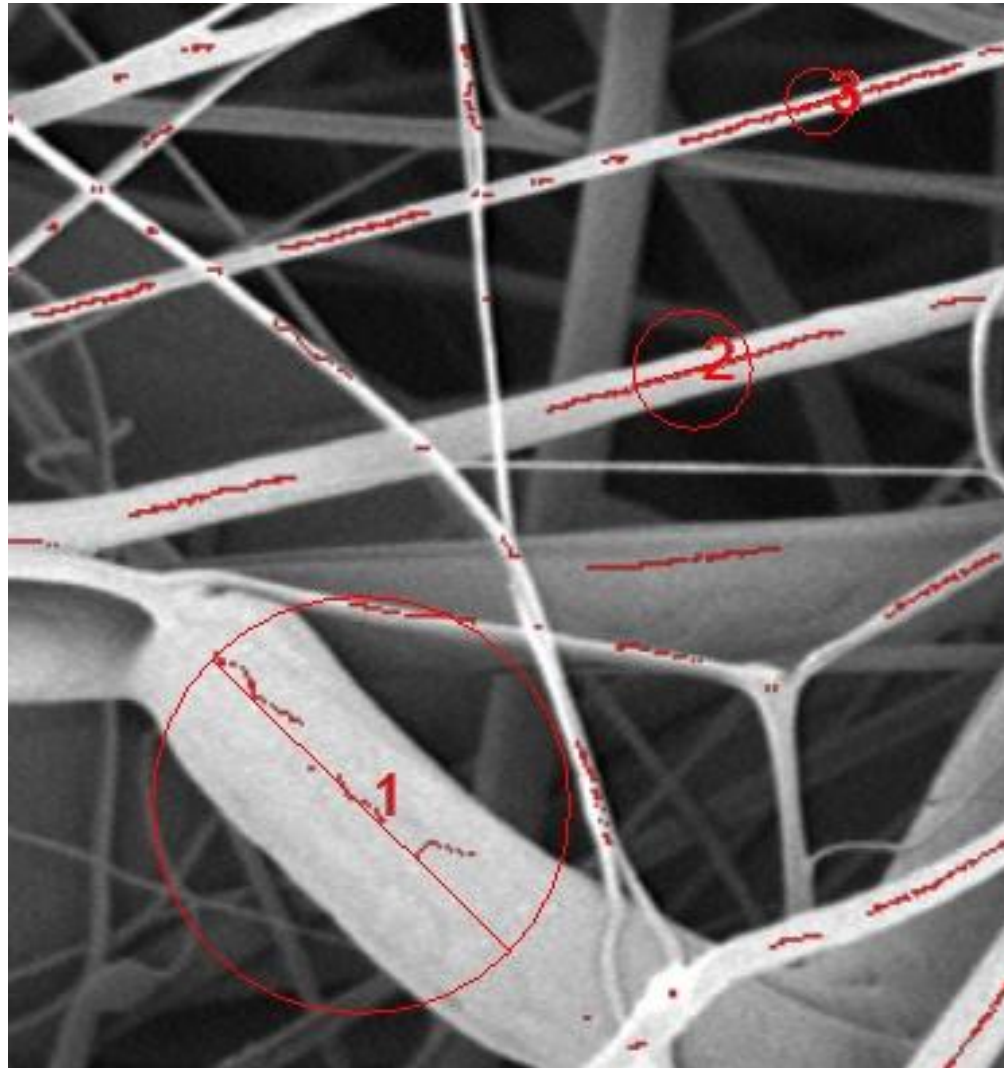
# Fibermetric 2.0 – measurements

## Improvement

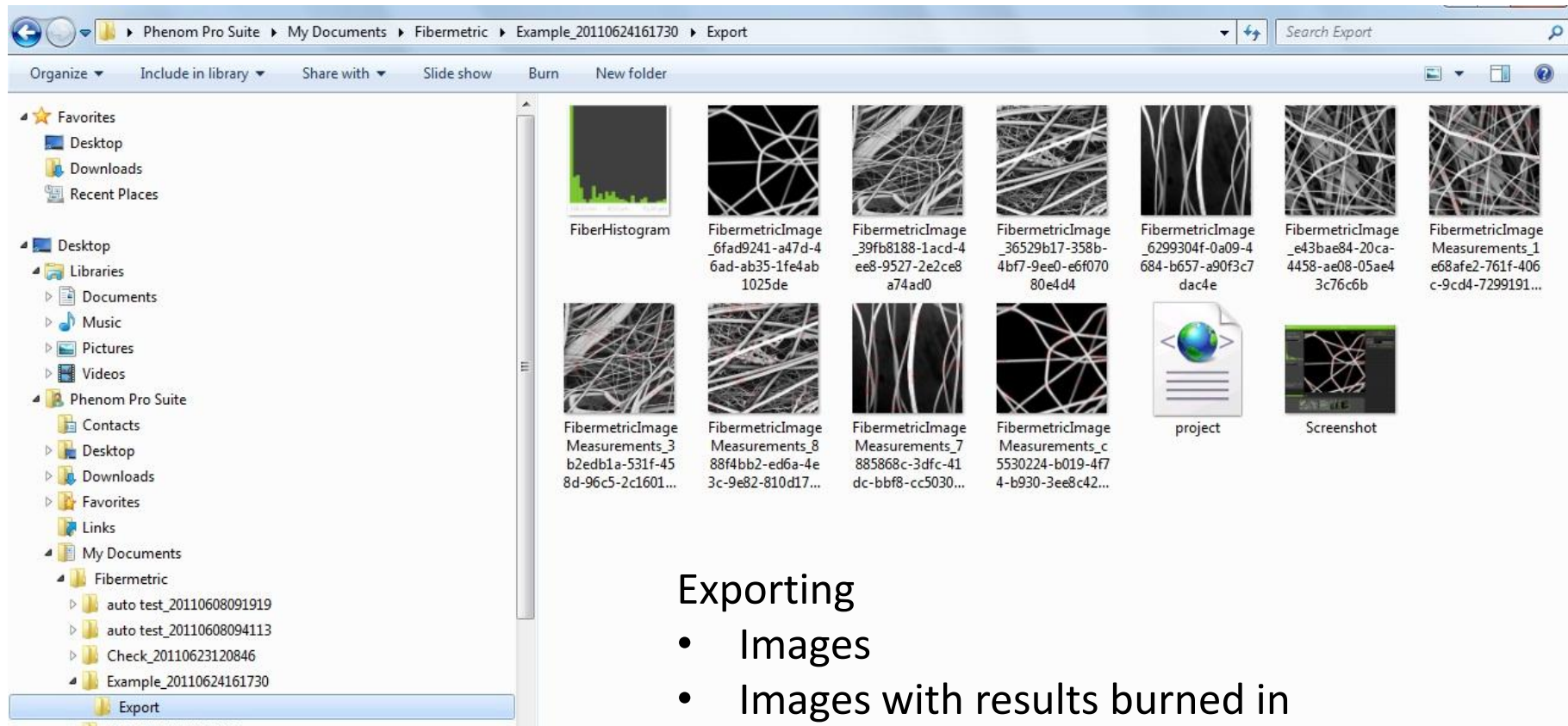
- Automated feature size

## Benefit

- Faster analysis
- Suitable for analyzing multiple fiber sizes per image



# Fibermetric 2.0 – Report example



## Exporting

- Images
- Images with results burned in
- Screenshot
- Histogram image
- Project file with XML data

PHENOMWORLD

ФЕНОМВОРЛД