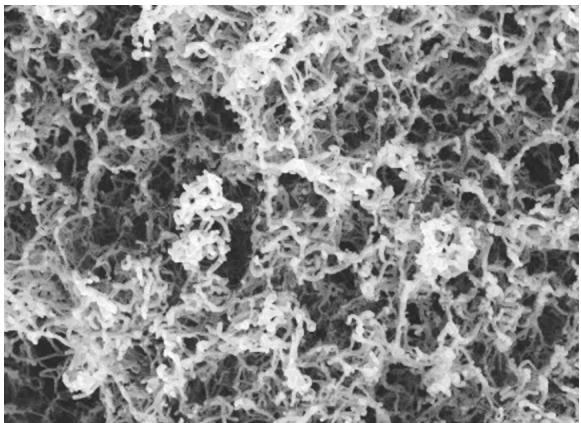
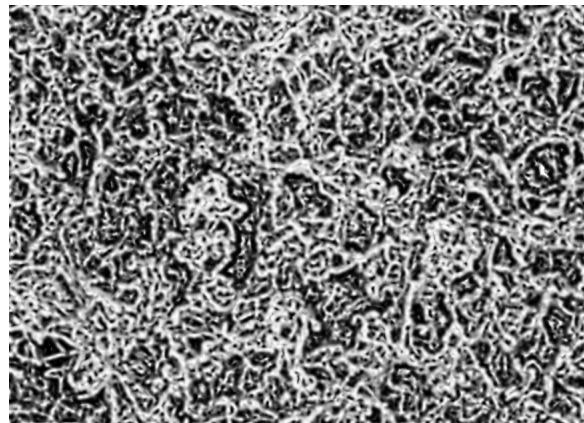


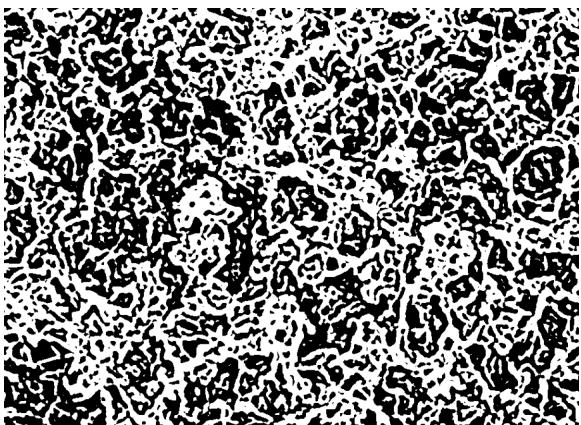
Original Image



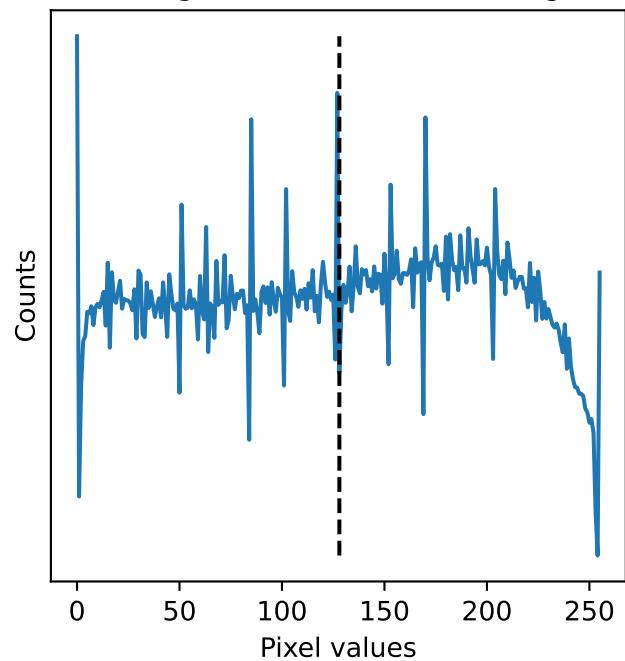
Processed Image



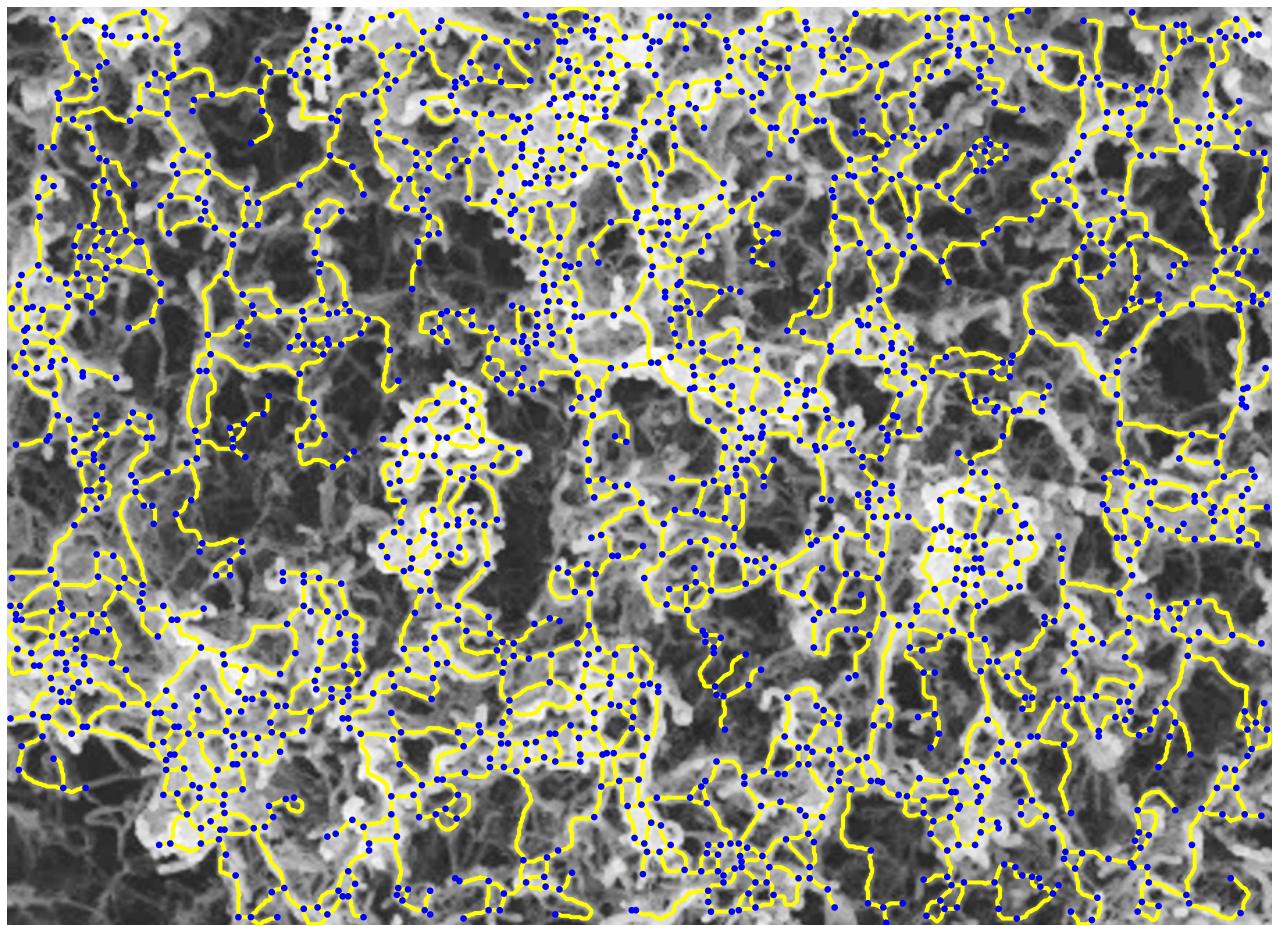
Binary Image



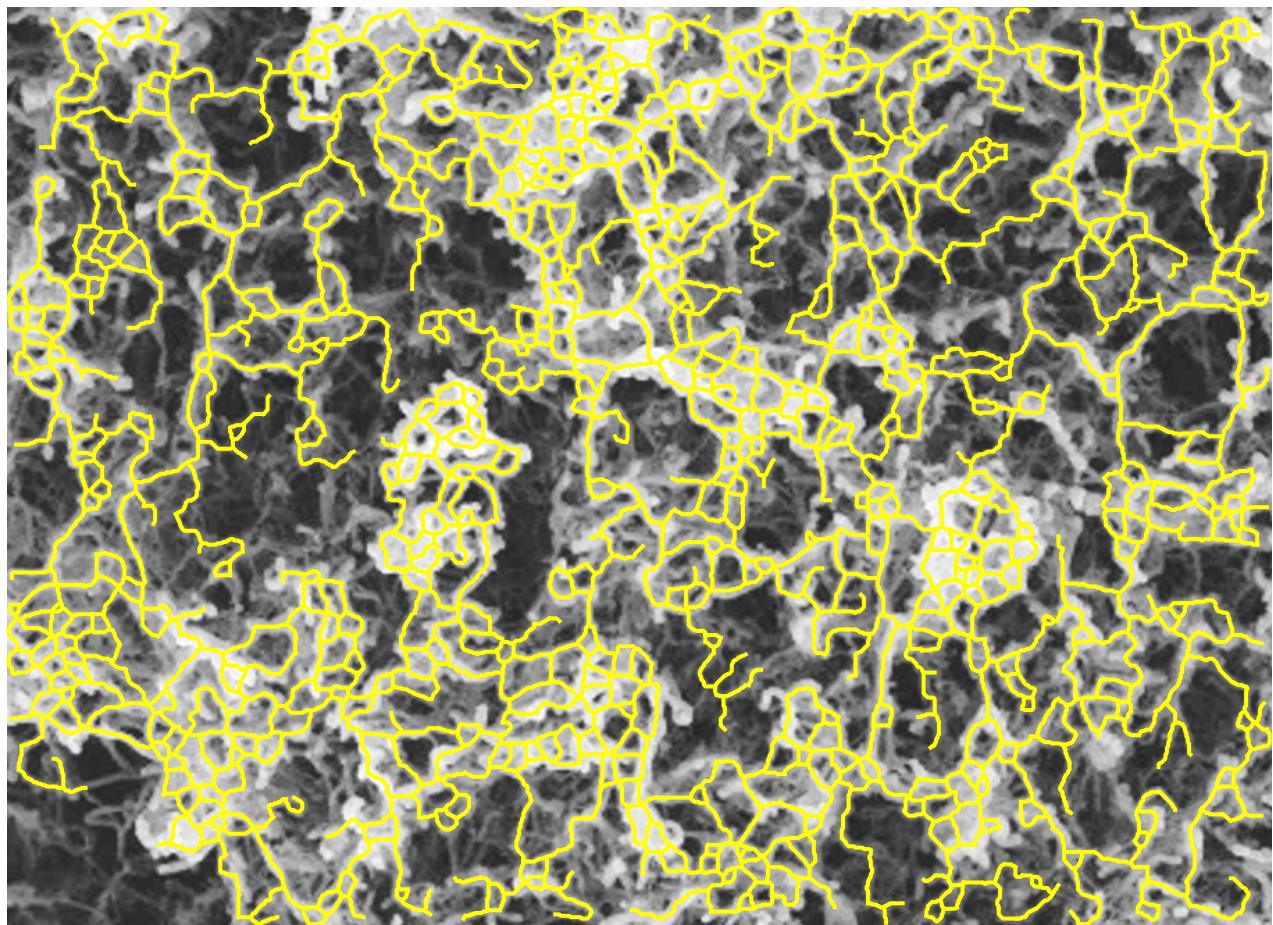
Histogram of Processed Image



Graph Node Plot



Graph Edge Plot



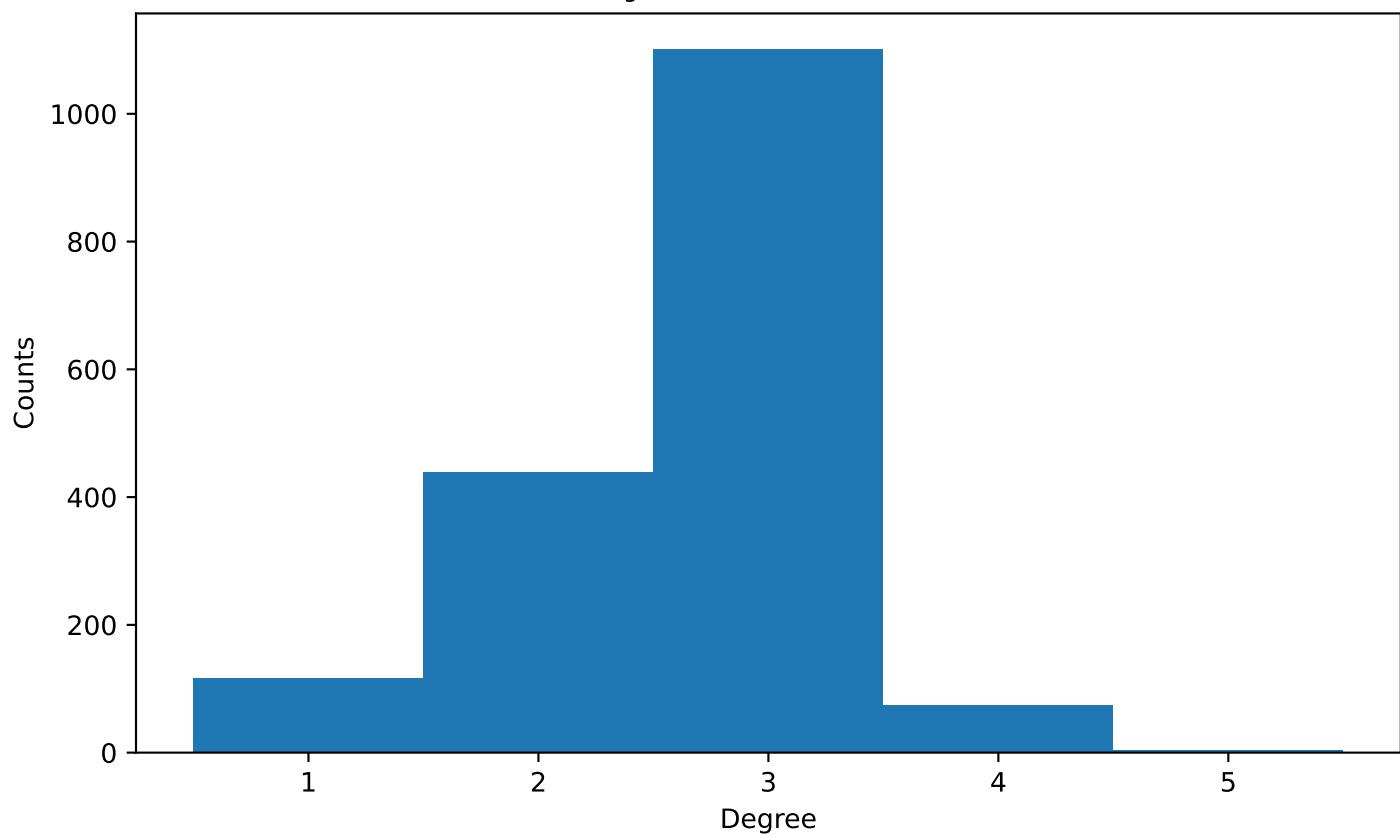
### Unweighted GT parameters

Number of nodes	1735.0
Number of edges	2308.0
Average edge angle (degrees)	162.097
Median edge angle (degrees)	90.0
Average degree	2.66052
Network diameter	102.0
Graph density	0.00153

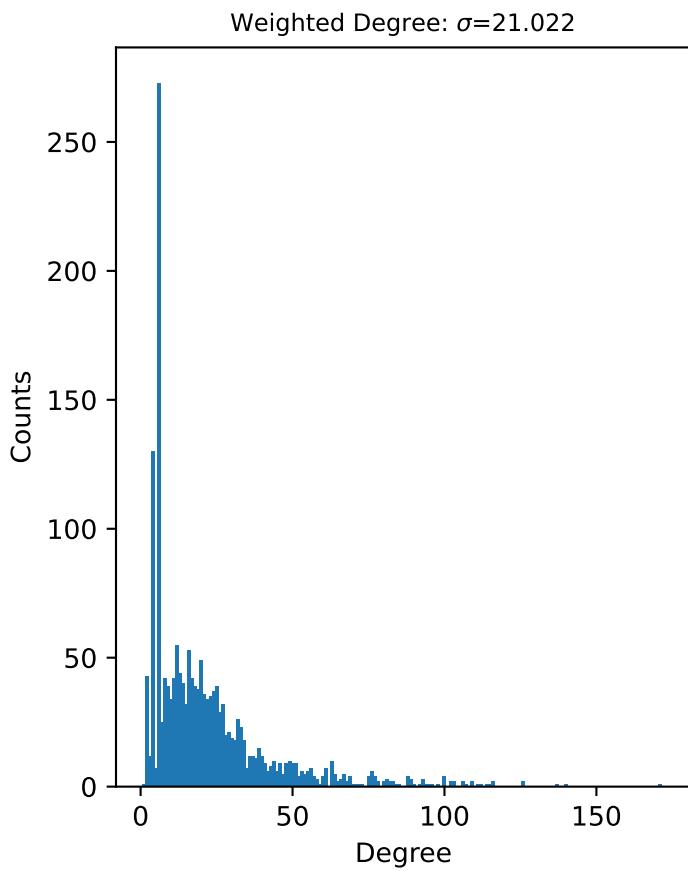
### Weighted GT parameters

Diameter-weighted average degree	22.19499
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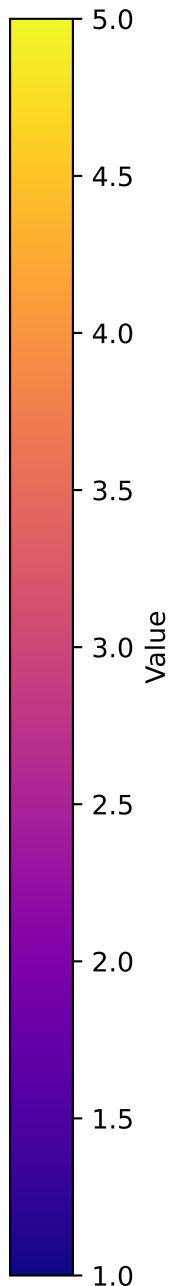
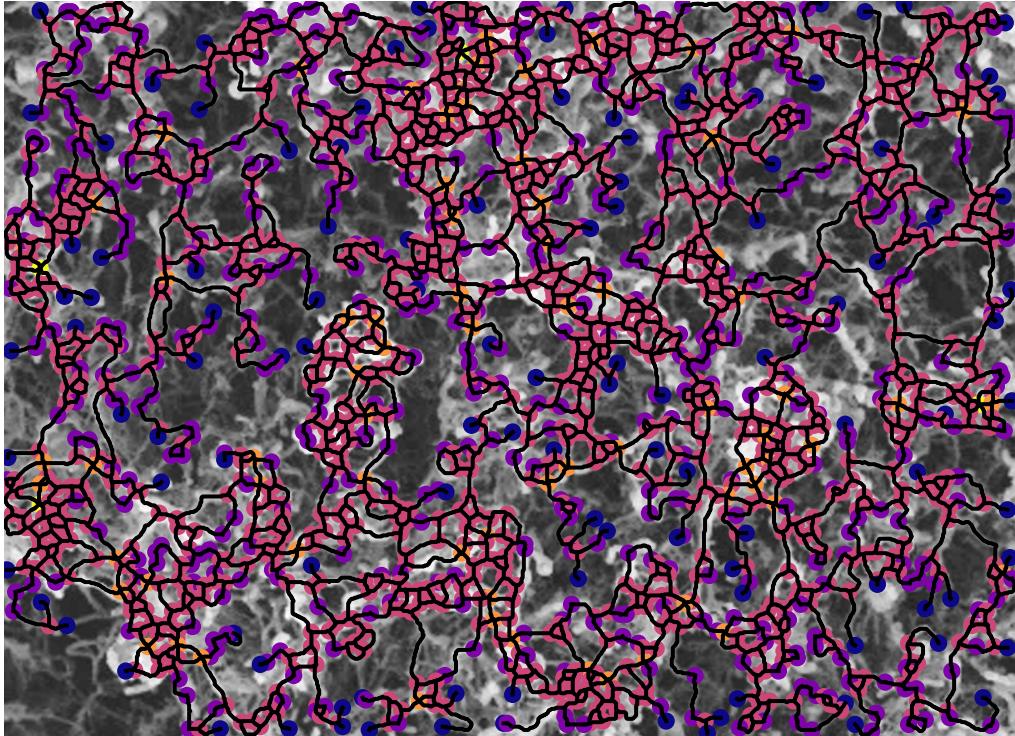
Degree Distribution:  $\sigma=0.676$



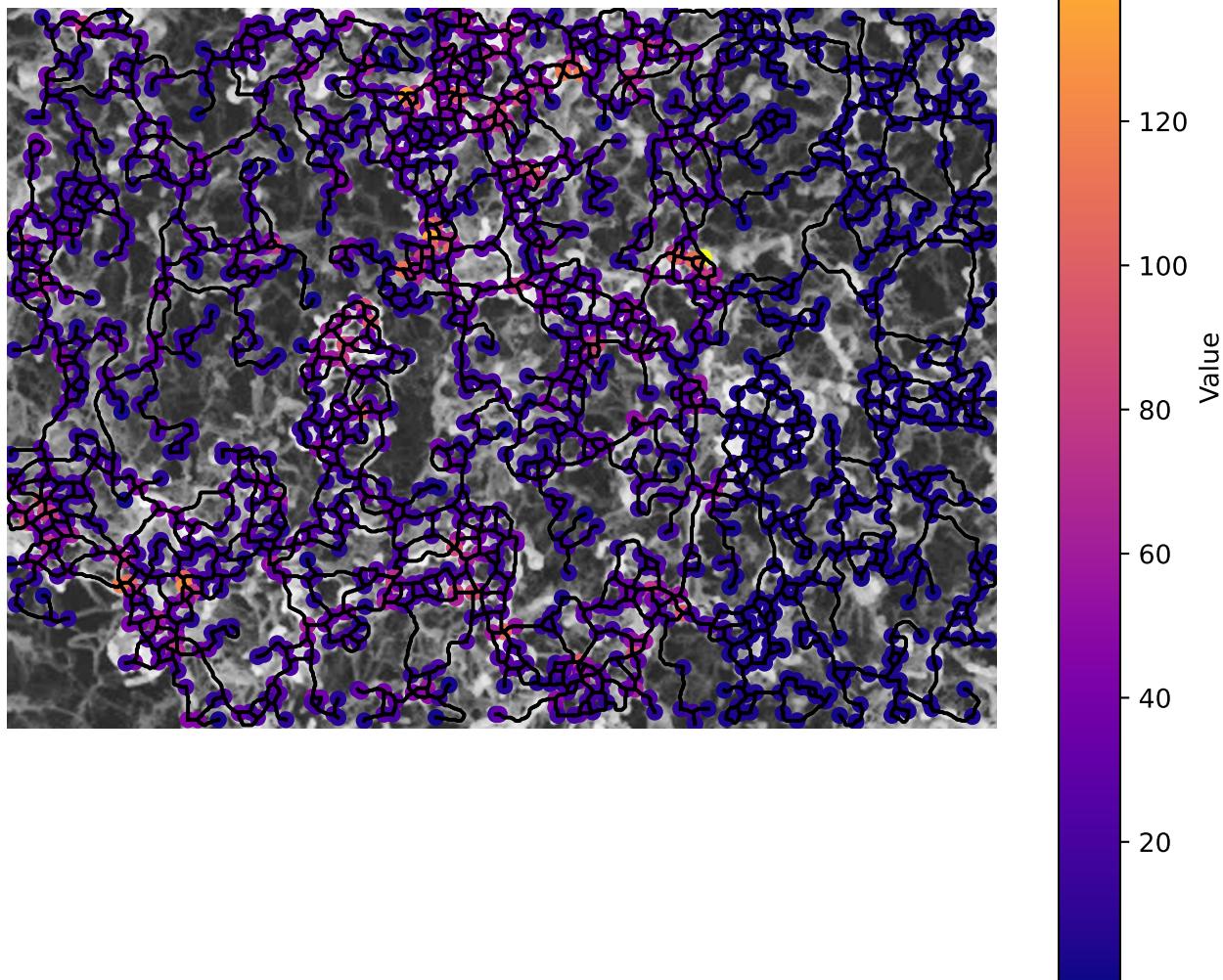




Degree Heatmap



Weighted Degree Heatmap



## Run Info

CANN copy.jpeg  
2025-06-01 13:34:59

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\*\*\*Image Filter Configurations\*\*\*

Global Threshold (128.0) || Gamma = 0.65  
Gaussian Blur, 7.0 bit kernel || Autolevel, 7.0 bit kernel  
Low-pass filter, 3 window size

\*\*\*Microscopy Parameters\*\*\*

Scalebar Value = 0.0 nm || Scalebar Pixel Count = 1  
Resistivity = 1.0Ωm

\*\*\*Image Scale\*\*\*

Size = 662 x 910 px || Scale Factor = 1.0

\*\*\*Graph Extraction Configurations\*\*\*

Weight Type: Diameter || Merge Nodes || Prune Dangling Edges  
Remove Objects of Size = 500 || Remove Self Loops