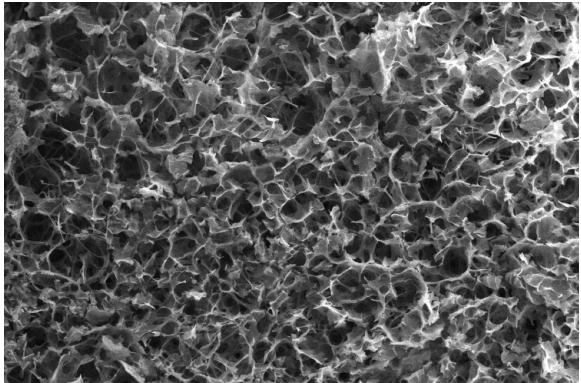
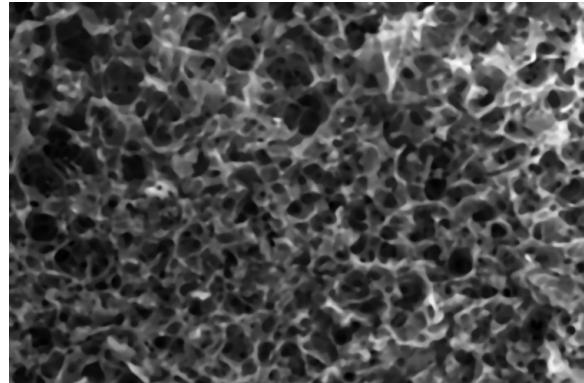


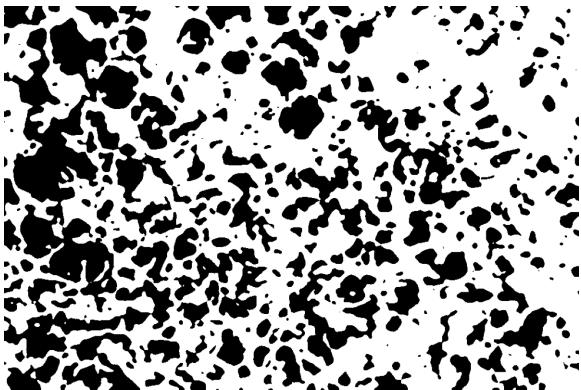
Original Image



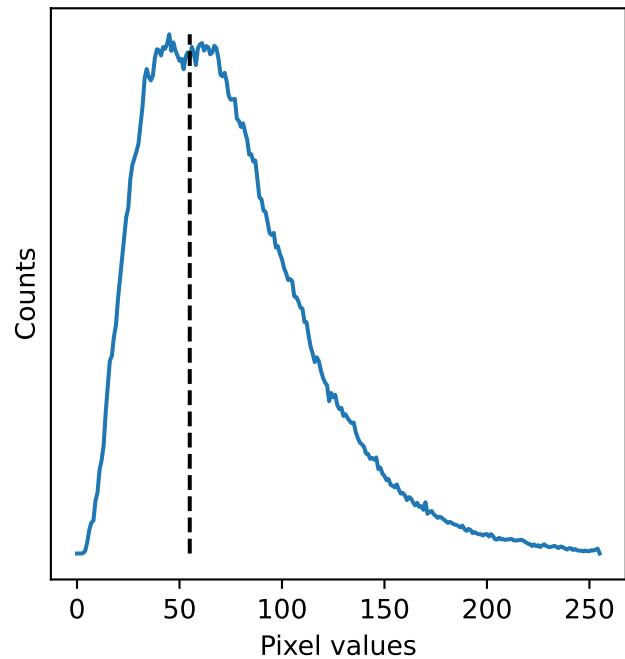
Processed Image



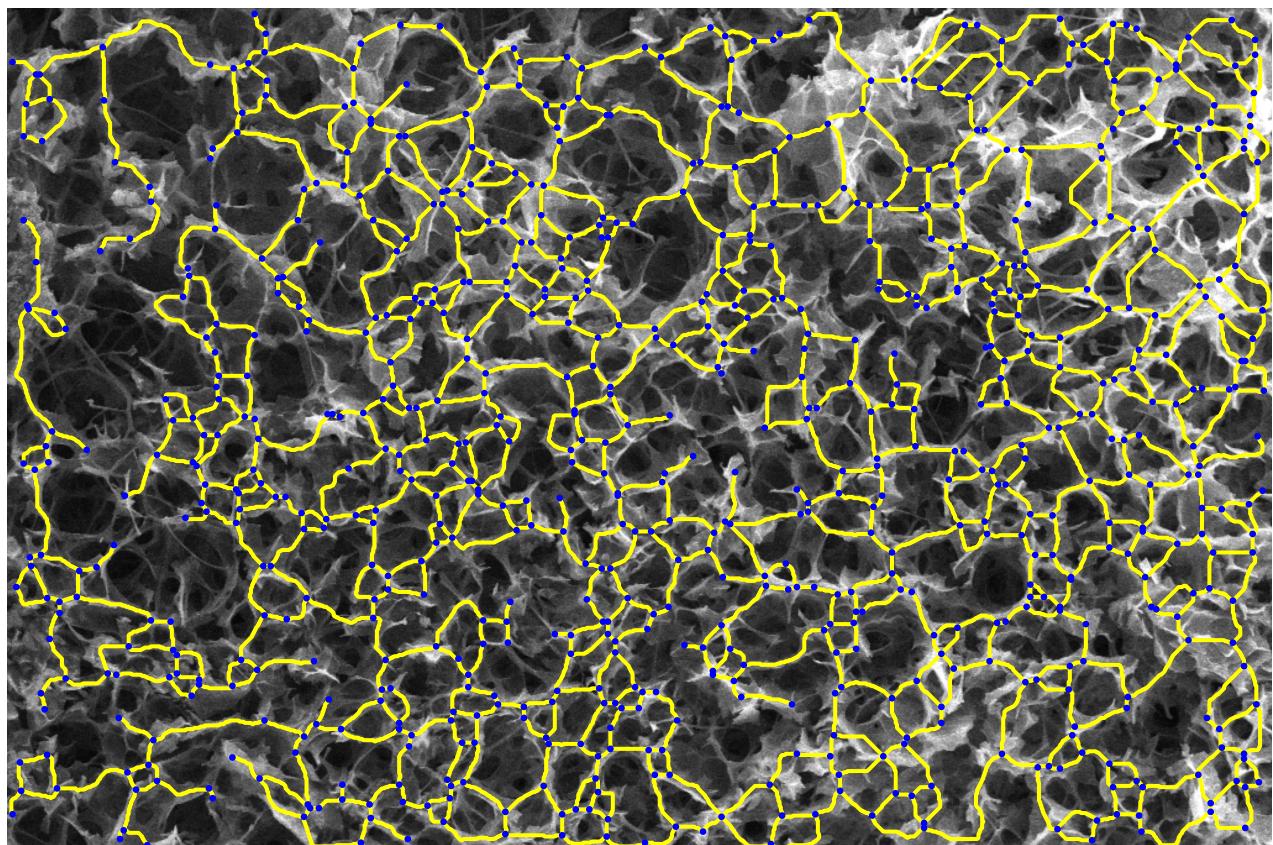
Binary Image



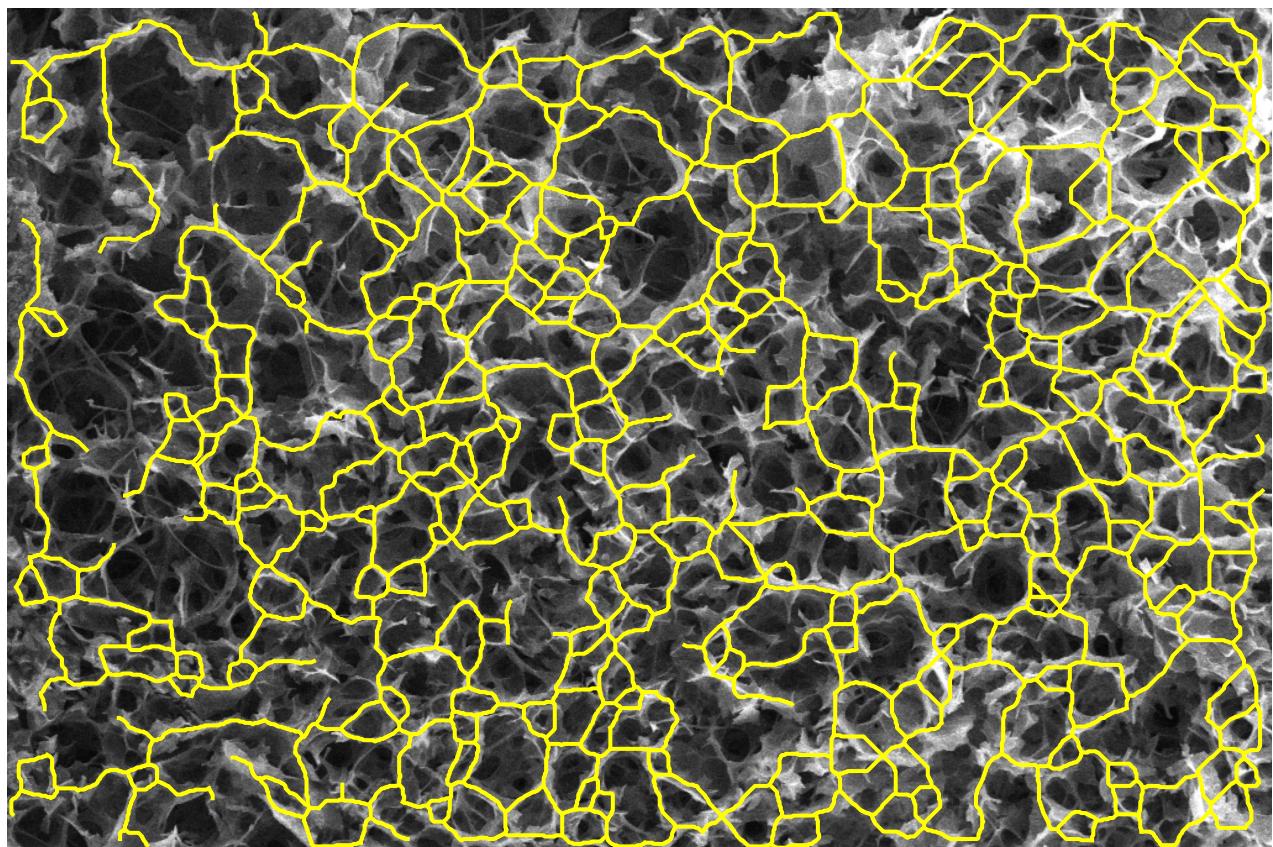
Histogram of Processed Image



Graph Node Plot



Graph Edge Plot



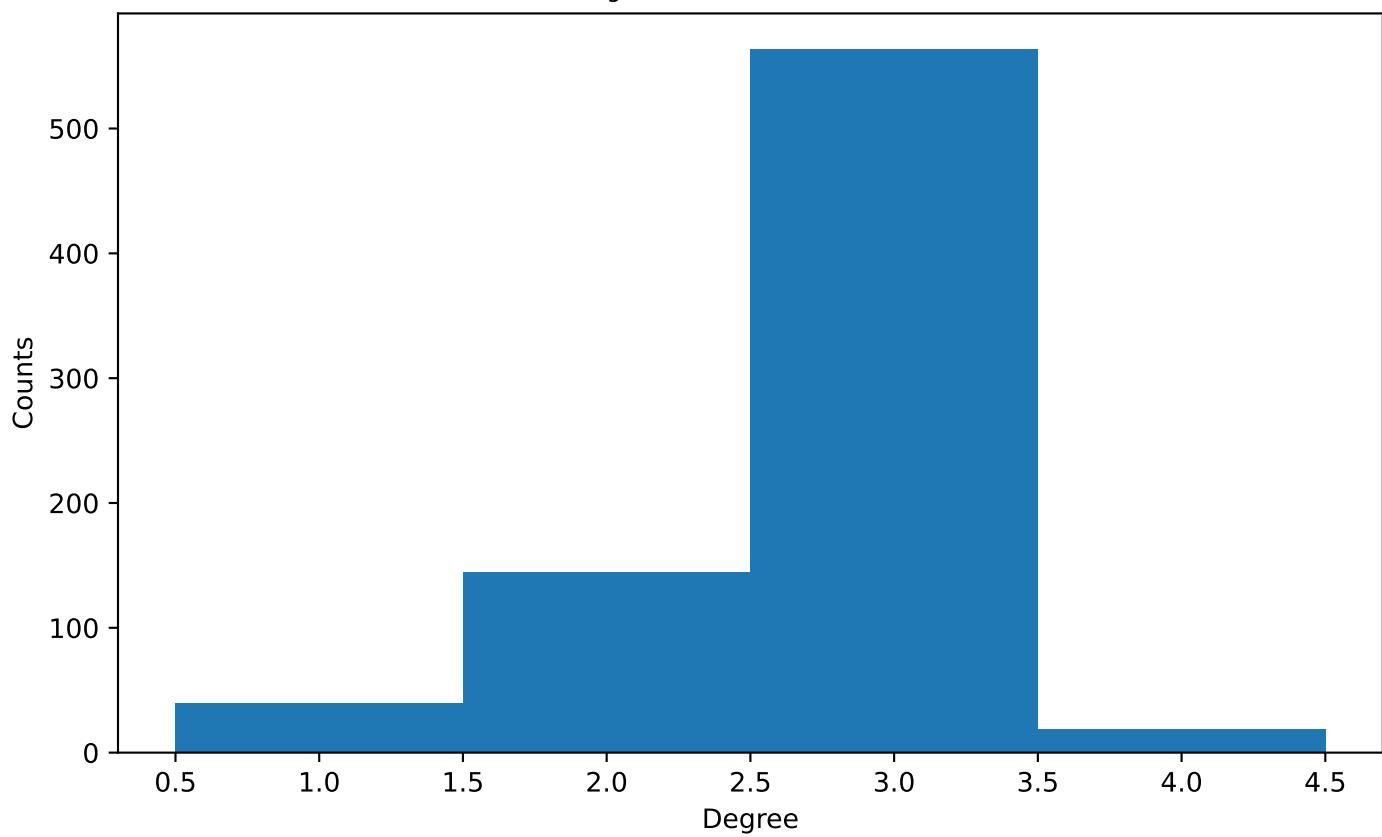
### Unweighted GT parameters

Number of nodes	768.0
Number of edges	1049.0
Average edge angle (degrees)	166.782
Median edge angle (degrees)	88.755
Average degree	2.73177
Network diameter	63.0
Graph density	0.00356

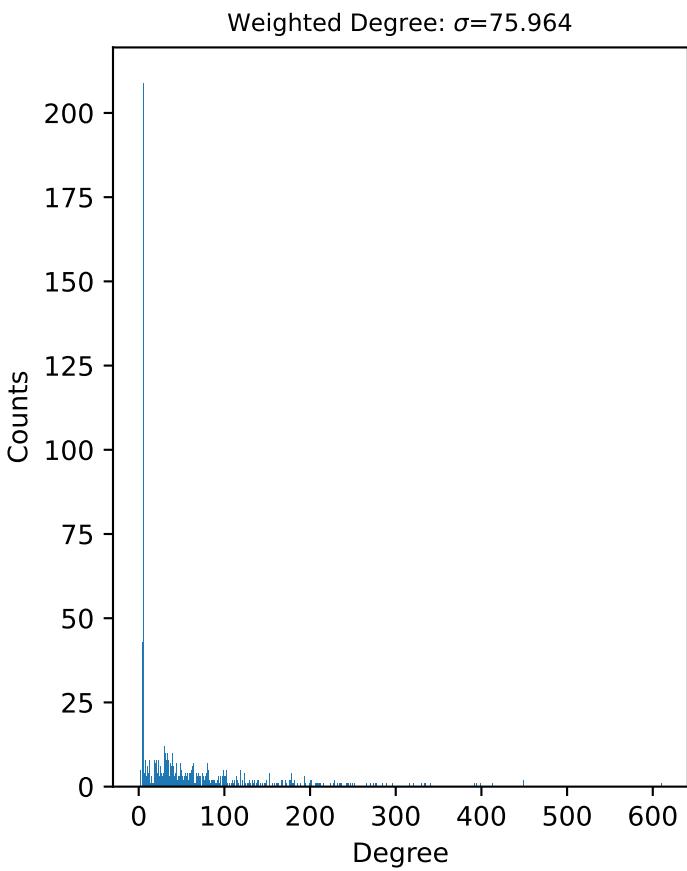
### Weighted GT parameters

Diameter-weighted average degree	58.62924
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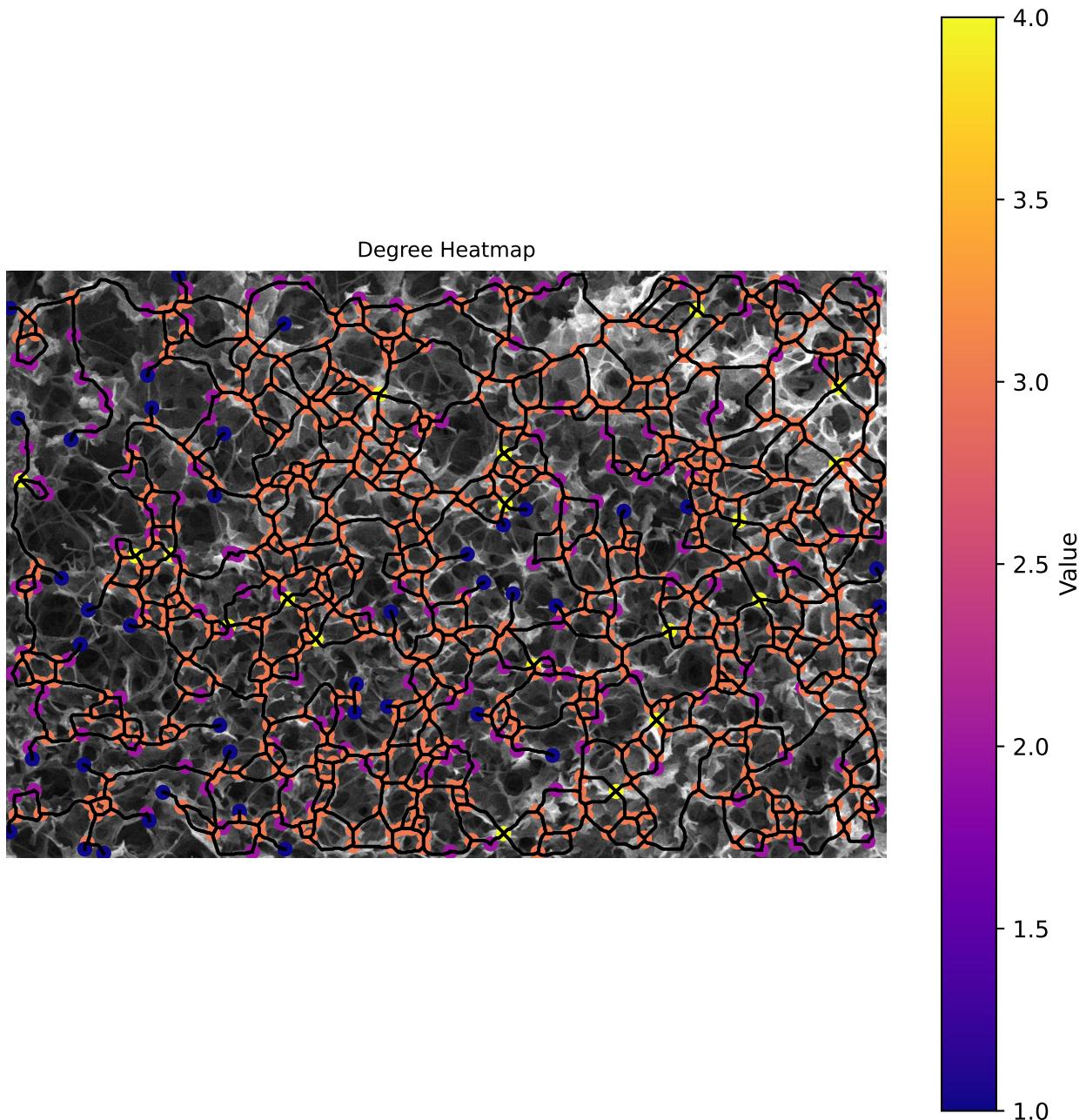
Degree Distribution:  $\sigma=0.592$



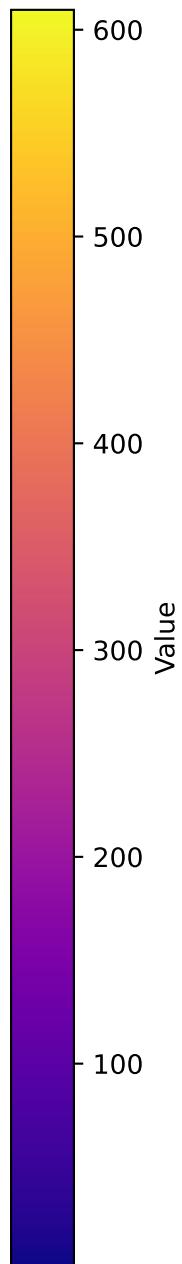
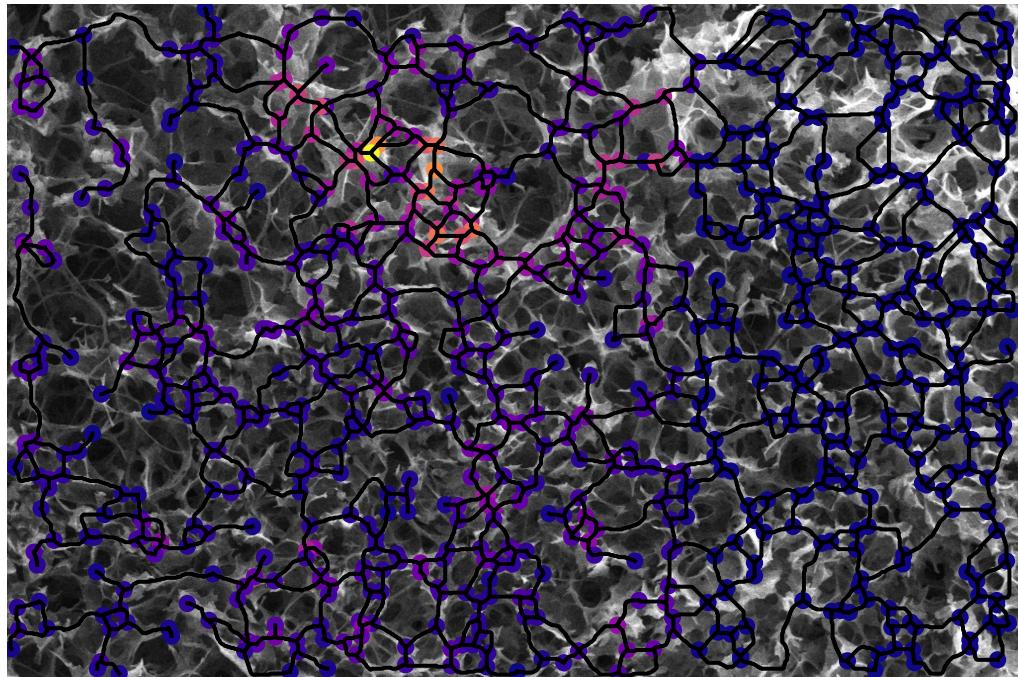




Degree Heatmap



Weighted Degree Heatmap



## Run Info

d (2).tif  
2025-05-21 15:36:02

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\*\*\*Image Filter Configurations\*\*\*  
Global Threshold (55.0) || Gamma = 0.9  
Median Filter || Gaussian Blur, 5.0 bit kernel  
Low-pass filter, 2 window size

\*\*\*Microscopy Parameters\*\*\*  
Scalebar Value = 0.0 nm || Scalebar Pixel Count = 1  
Resistivity = 1.0Ωm

\*\*\*Image Scale\*\*\*  
Size = 682 x 1024 px || Scale Factor = 0.6666666666666666

\*\*\*Graph Extraction Configurations\*\*\*  
Weight Type: Diameter || Merge Nodes || Prune Dangling Edges  
Remove Objects of Size = 500 || Remove Self Loops