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An AI-based method to measure pores in imaging data with Avizo Software

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After imaging samples with CT or FIB-SEM, correctly and precisely detecting pores in the digital acquisition requires image segmentation. A series of steps are necessary to be able to correctly process the data. Firstly, a series of filters must be applied to prepare the data for segmentation. Then a segmentation method must be selected. Finally, each detected pore must be measured.

With the use of AI this process is greatly simplified and datasets where segmentation was previously very challenging can now provide pristine results.

Avizo Software already offered a variety of traditional segmentation tools. With the advent of AI, we now offer the possibility to label, train and execute your AI model in a single application to detect and measure the pores in your material.

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References

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Primary author:　Mr HO, Eric Pui Lam (Thermo Fisher Scientific)

Presenter: Mr HO, Eric Pui Lam (Thermo Fisher Scientific)

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