

Imaging microstructures: AI-driven inference of statistical descriptors

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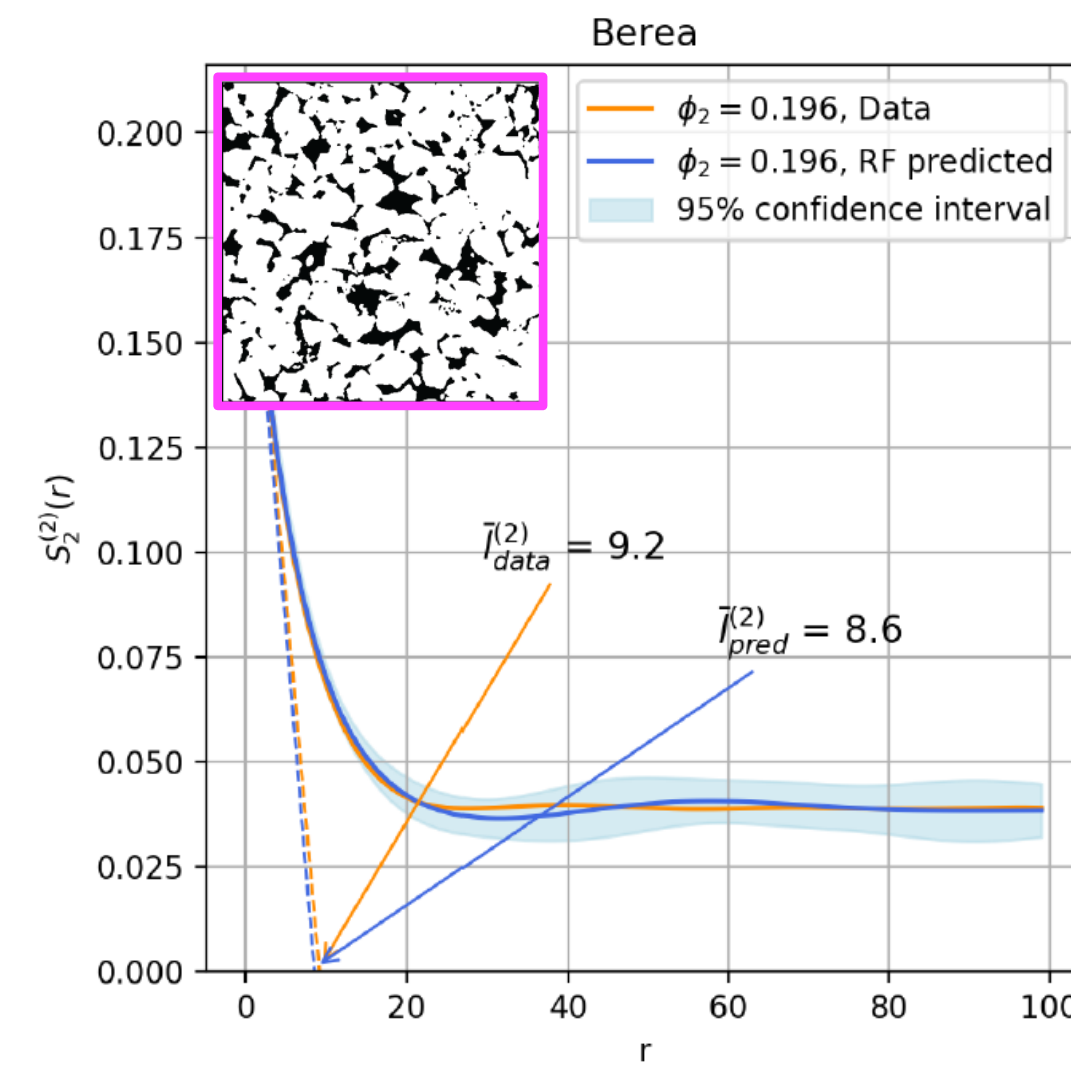
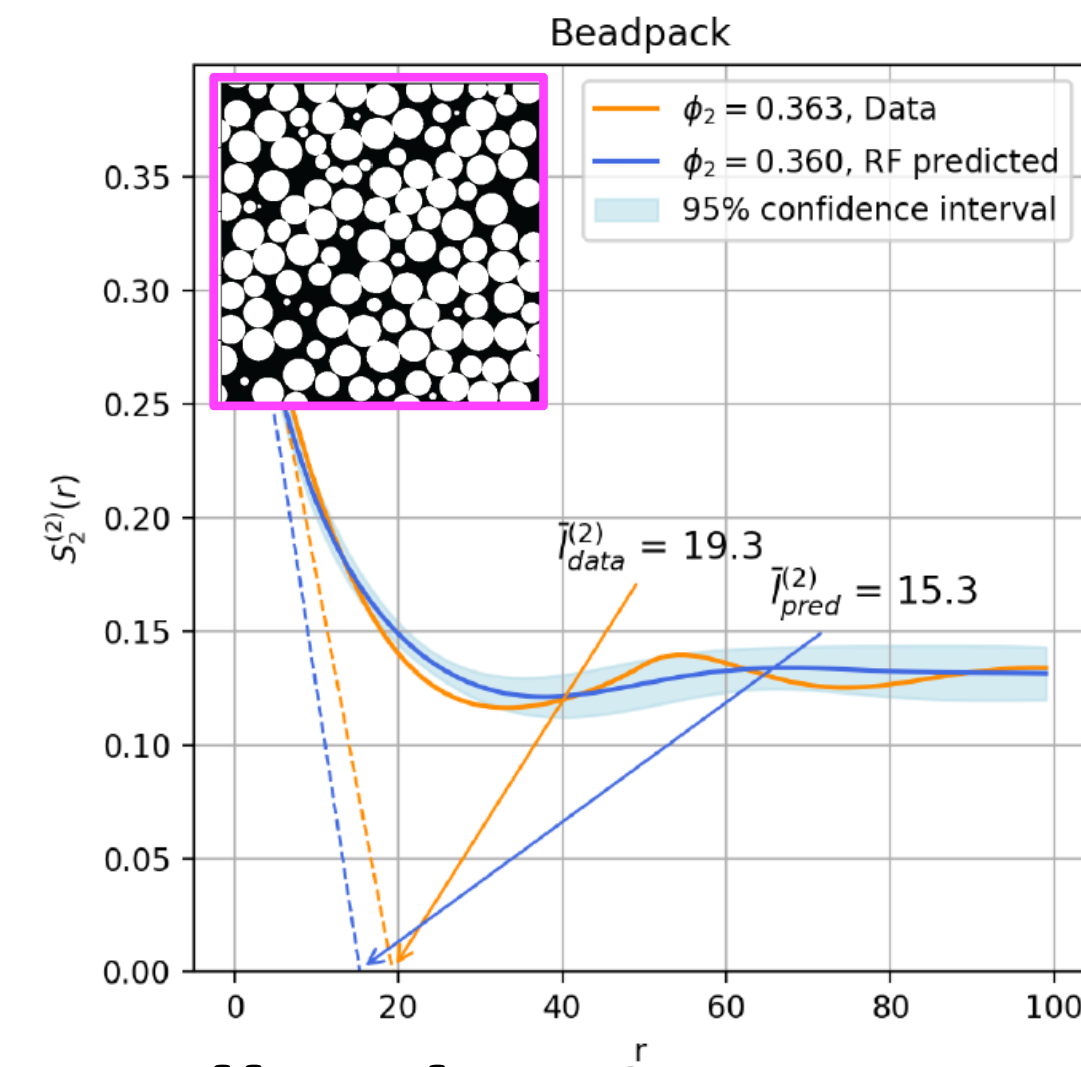
Recent results: we

CAN estimate micro geometry from long-wavelength data!

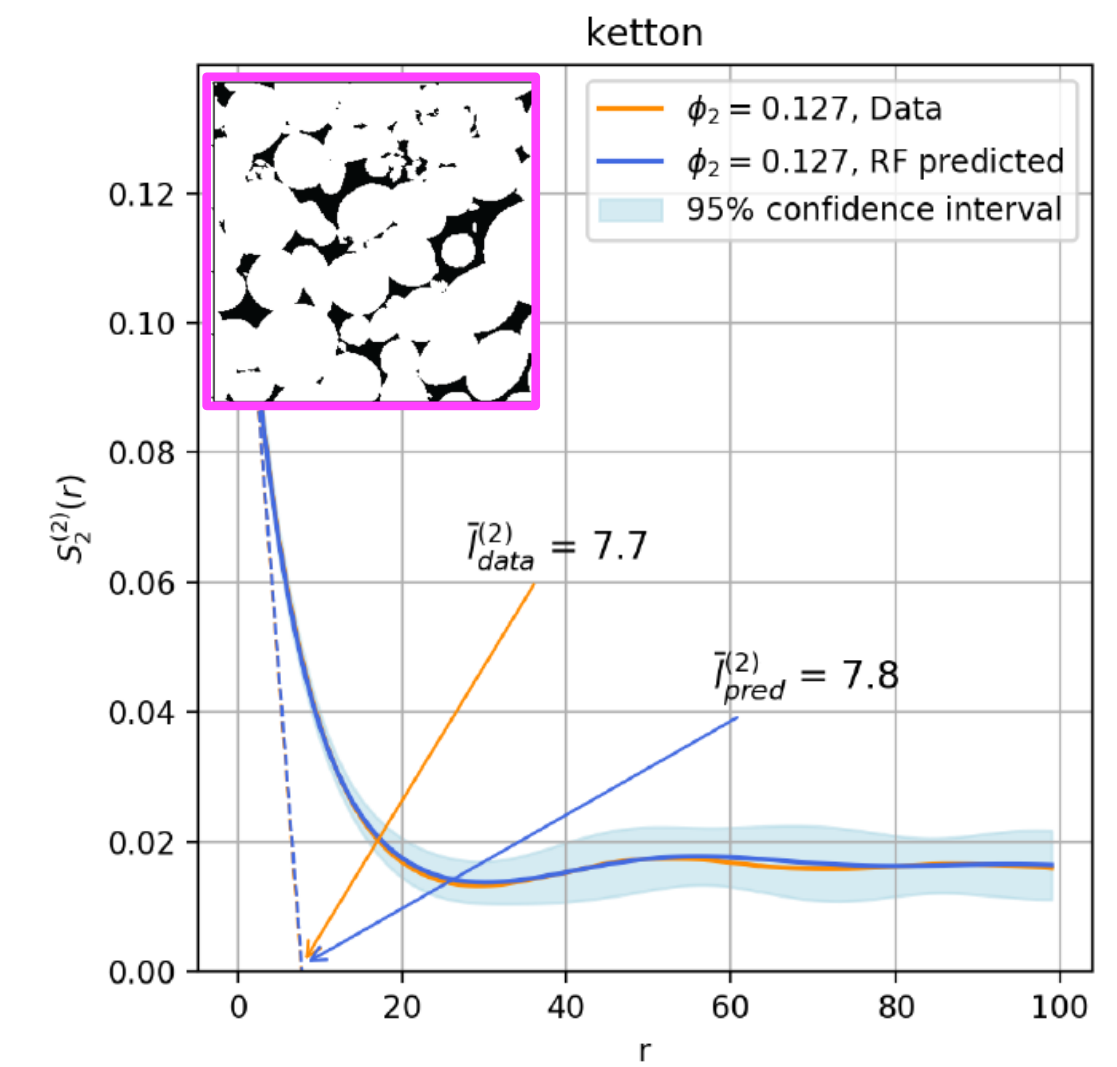
Complex microstructures described by statistical microstructure descriptors (SMDs)

Elastic parameters, including attenuation, are needed as a functions of frequency.

Acoustic only



(Klessens et al., 2020, Arxiv)



Fully elastic

