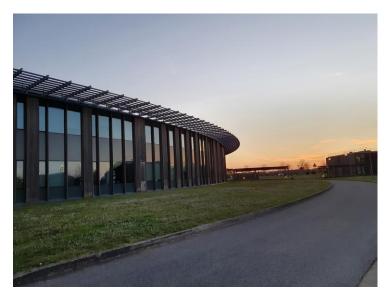


Biochar characterization using state-of-the-art techniques

Anna Strandberg

2023-06-12

Micro- and nano- tomography at beamline Anatomix of synchrotron SOLEIL, France

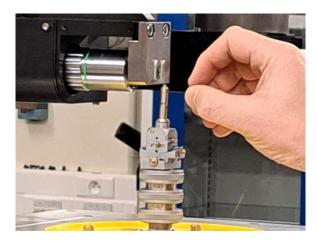


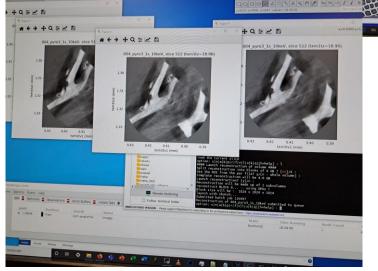




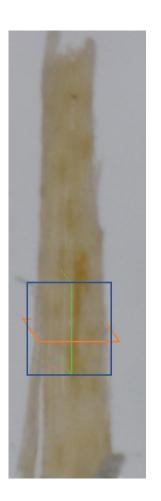




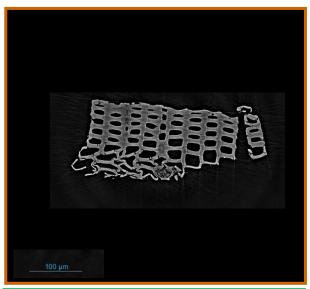


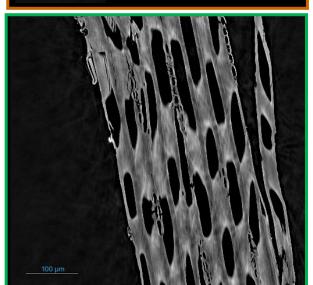


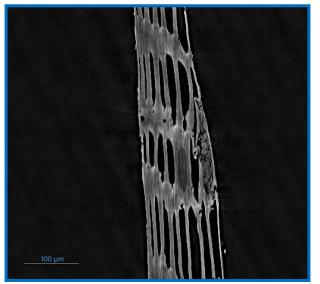
PRELIMINARY RESULTS PINE RAW MATERIAL

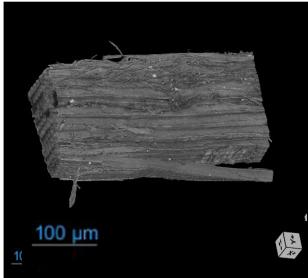










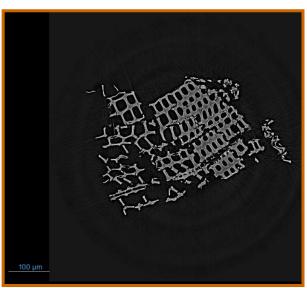


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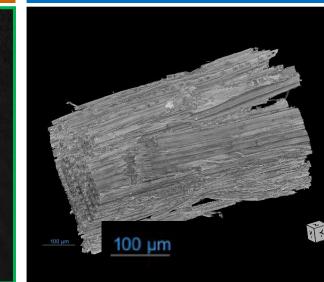
PRELIMINARY RESULTS PINE TORREFIED AT 315°C, 6 min





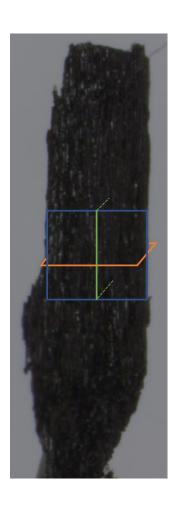




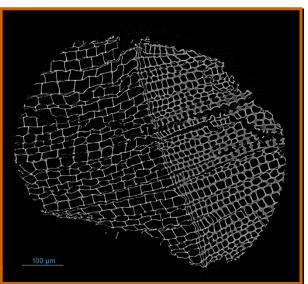


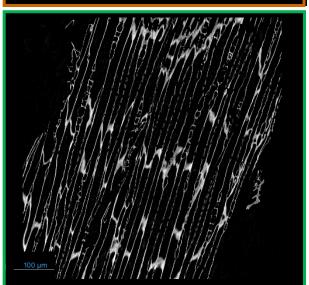
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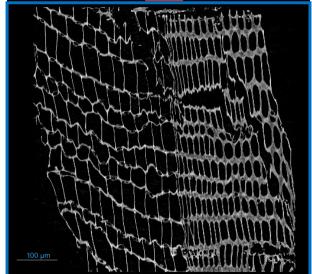
PRELIMINARY RESULTS PINE PYROLYSED AT 350°C

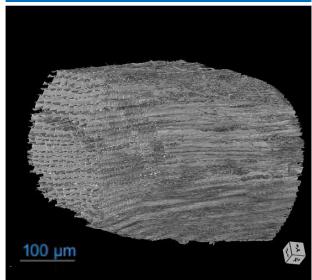






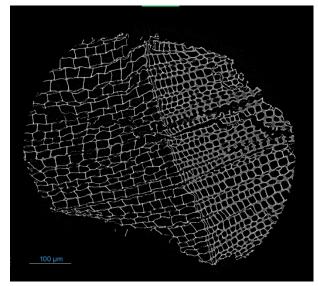




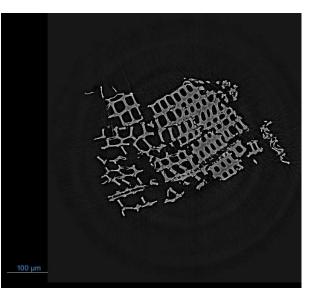


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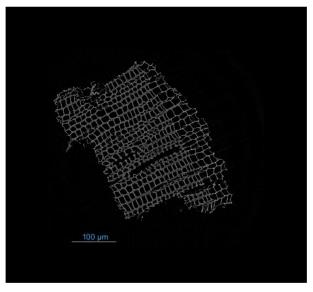
Pine raw material



Pine pyrolysed at 350°C



Pine torrefied at 315°C, 6 min

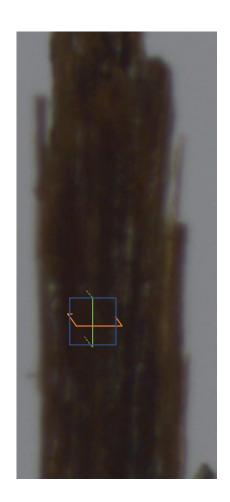


Pine pyrolysed at 400°C

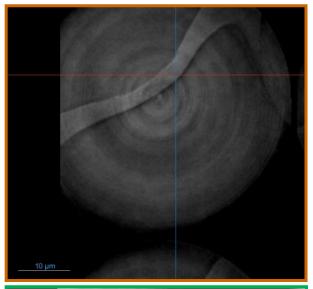
PRELIMINARY RESULTS

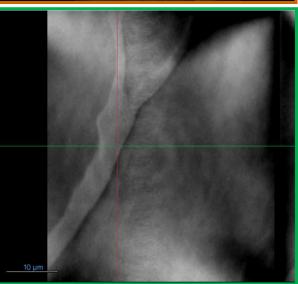
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PRELIMINARY RESULTS NANO-TOMOGRAPHY PINE TORREFIED AT 315°C, 6 min

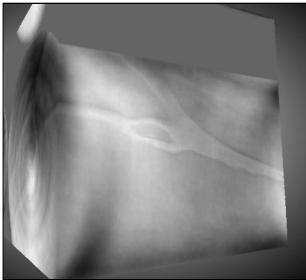












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