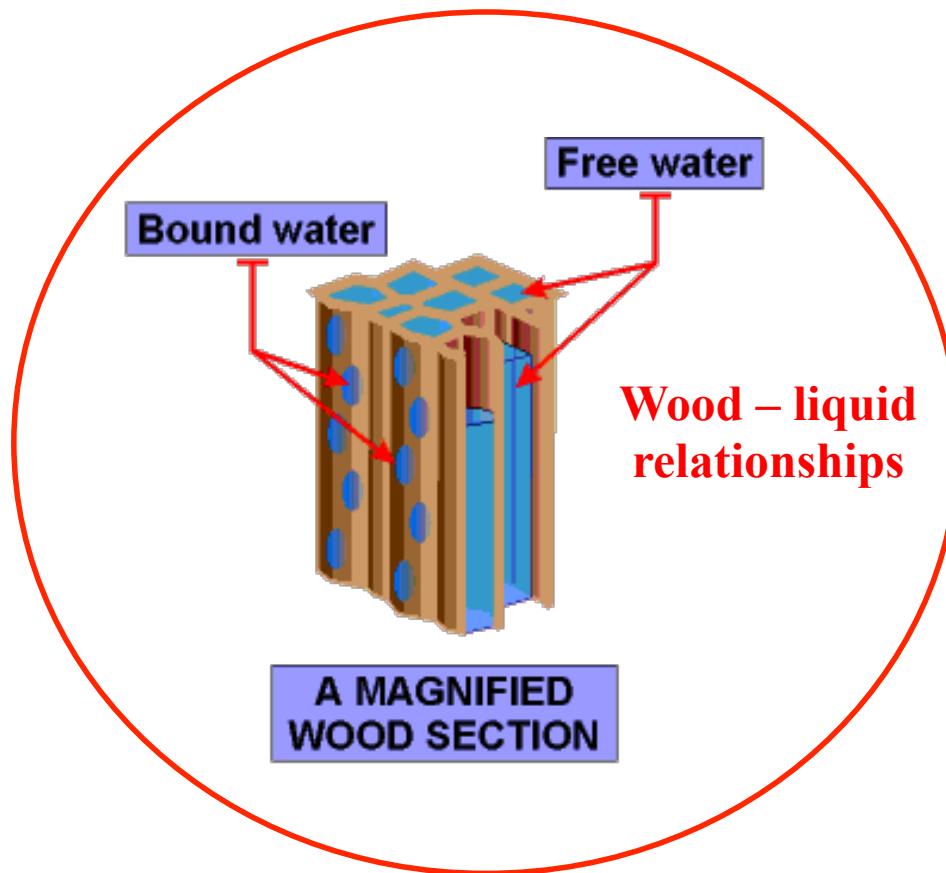


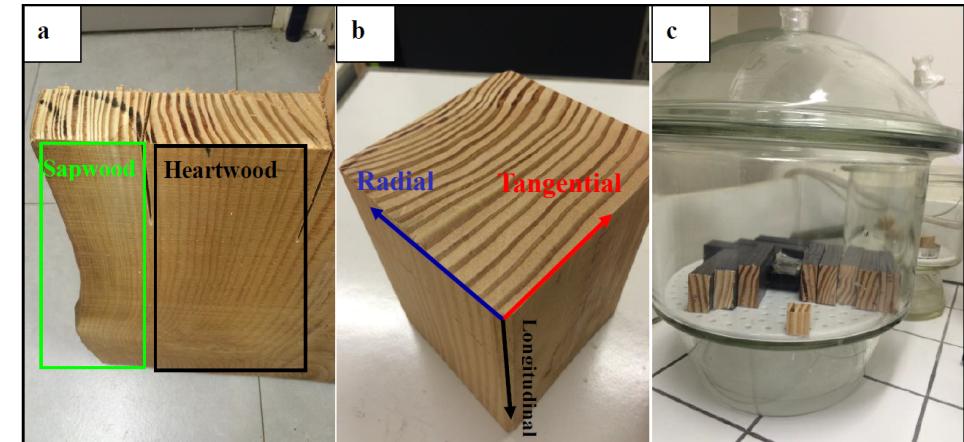
Mechanisms of softwood imbibition inferred from Magnetic Resonance Imaging

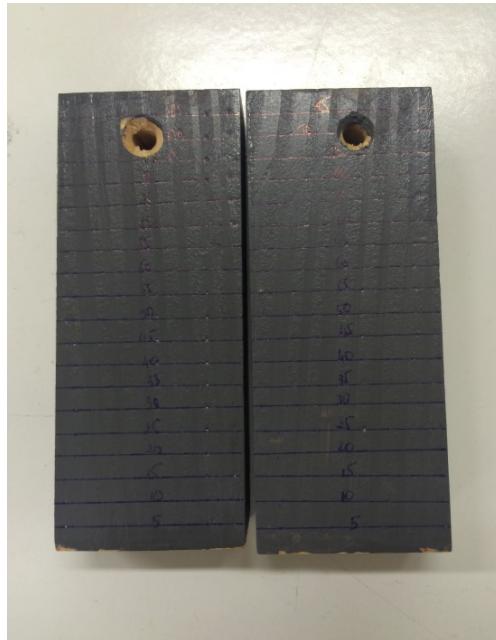
D.M. Nguyen, S. Caré*, D. Courtier-Murias, P. Coussot

Laboratoire NAVIER, CNRS, IFSTTAR, ENPC, Champs sur Marne, France
sabine.care@ifsttar.fr

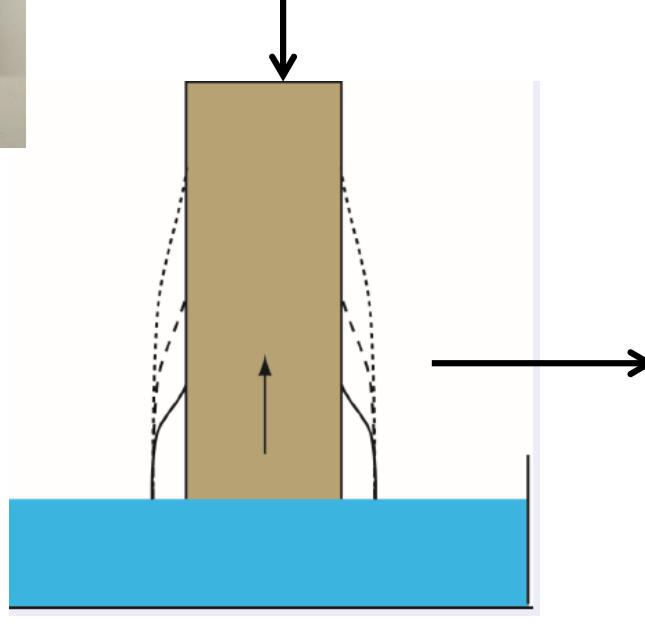
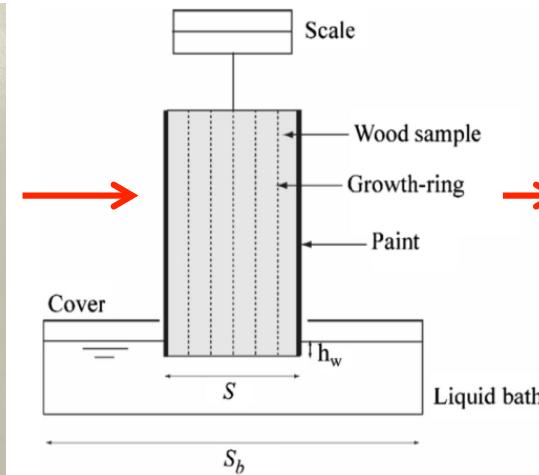


Research subject: Douglas fir
(heartwood and sapwood)





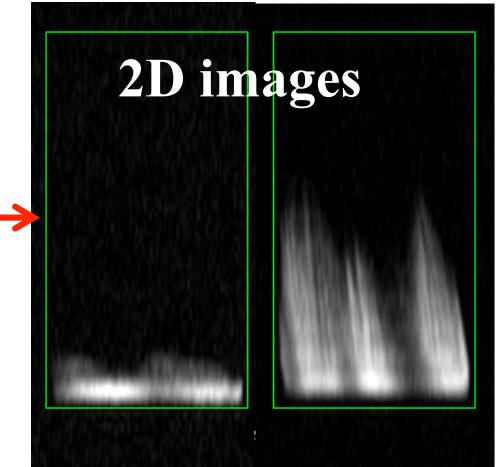
Imbibition tests



MRI device



2D images



1D water distribution in wood with time

