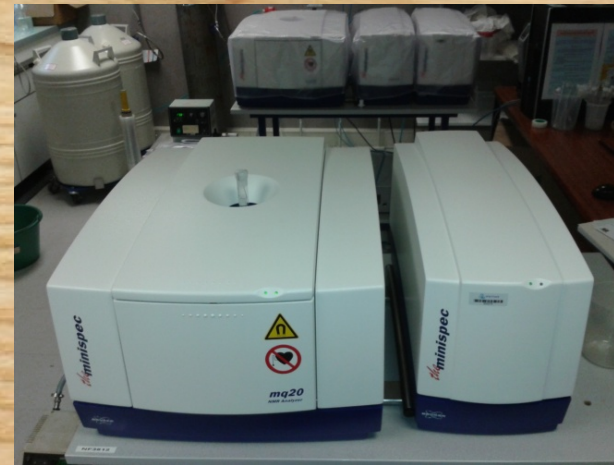
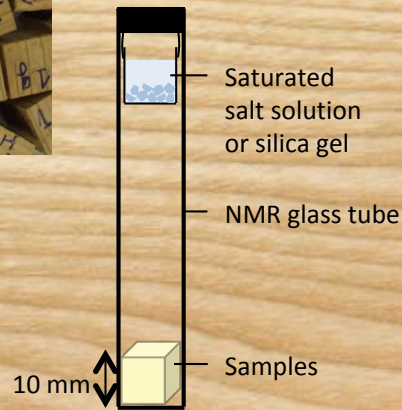


Investigation of the effect of moderate heat treatment on wood hygroscopicity by NMR relaxometry

Leïla Rostom – 1st year PhD

Supervisors : *Sabine Caré and Denis Coutier-Murias*
Laboratory Navier

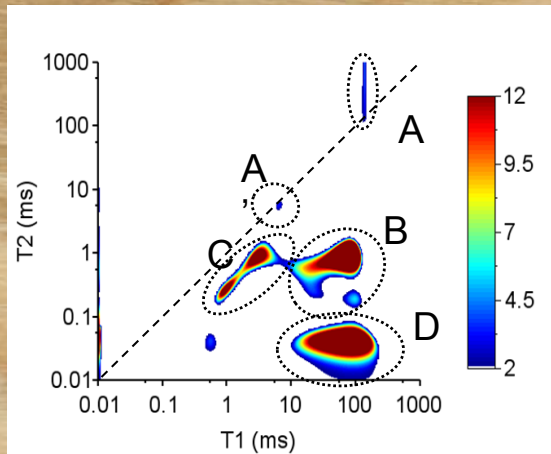
7èmes journées du GDR Sciences du Bois, 2018



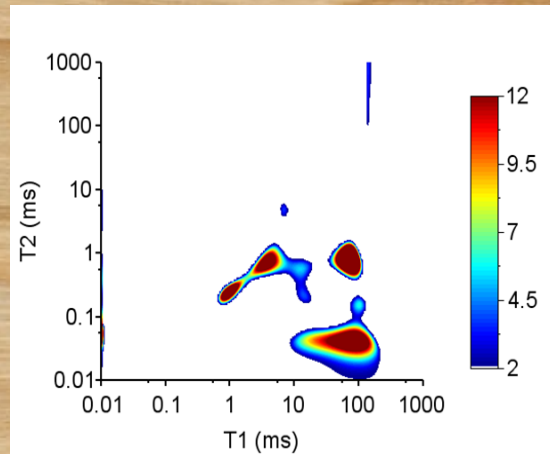
Bruker Minispec MQ20
Magnetic field : 0,5 T

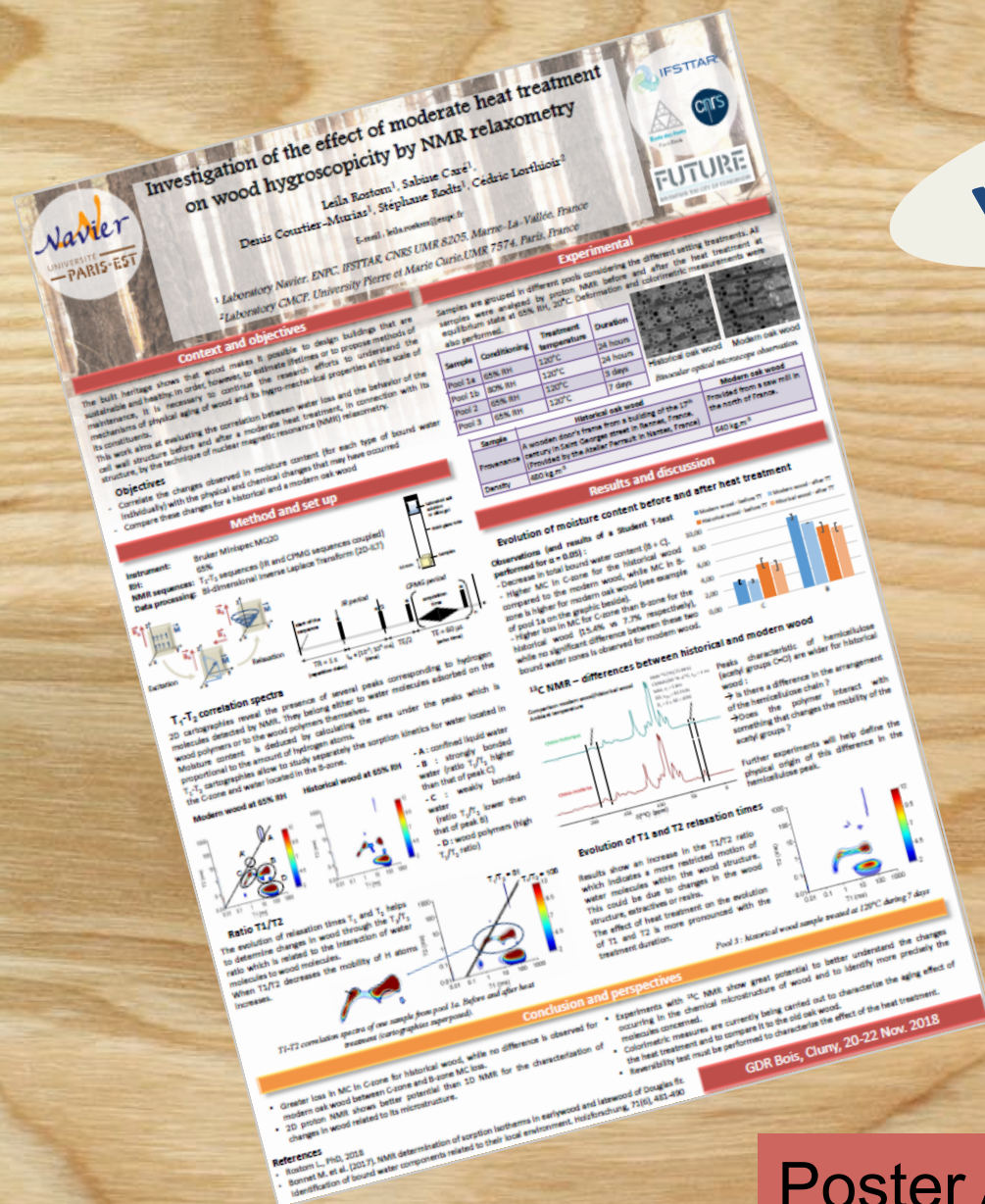


Modern wood at 65% RH



Historical wood at 65% RH





Wood aging

Bound water

2D ¹H NMR

Moderate heat treatment

Poster A16