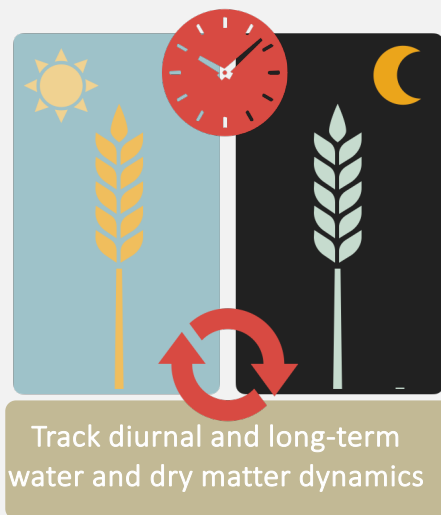
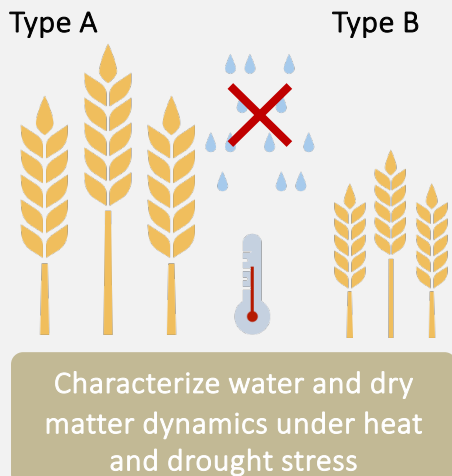


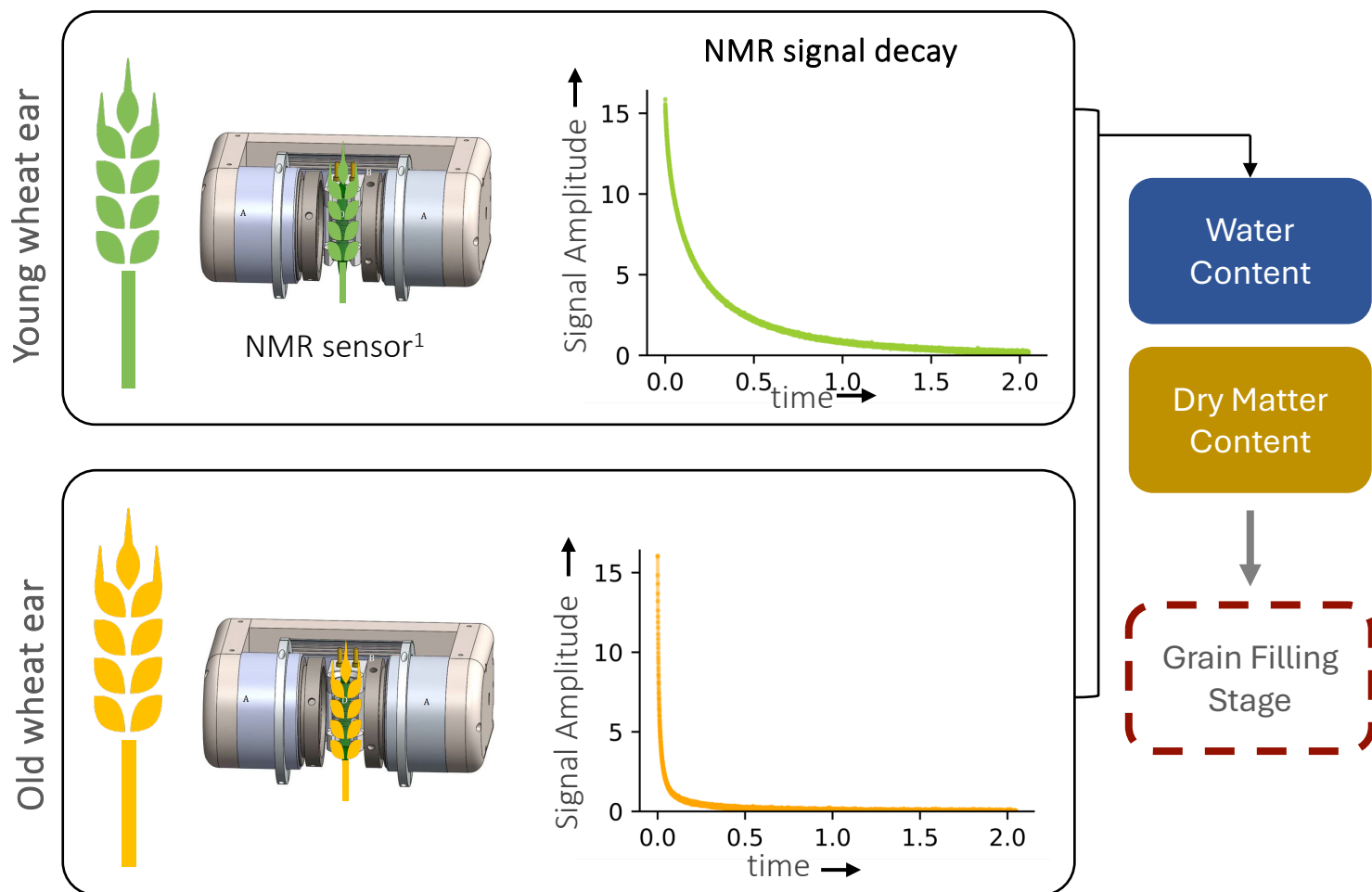
Monitoring Plants: Testing the Potential of Low-Field Nuclear Magnetic Resonance to Sense the Dynamics of Water and Dry Matter in Living Plants

Antonia Wörtche & Ralf Metzner, Robert Koller, Carel Windt

Motivation



Nuclear Magnetic Resonance (NMR) Relaxometric Measurement



[1] C.W. Windt, et al. A mobile NMR sensor and relaxometric method to non-destructively monitor water and dry matter content in plants, *Frontiers in Plant Science*, 12 (2021)