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## Lecture 5: Nuclear Magnetic Resonance applied to Soft Matter systems

*Wednesday, 5 July 2023 13:30 (1h 30m)*

In this lecture, we will present the basics of Nuclear Magnetic Resonance (NMR). Usable on solid as well as liquid samples, this polyvalent technique allows determining sample purity, structure of compounds, dynamics and molecular interaction at the atomic level. Used in many fields from biology to materials, as well as environment and food industries, NMR has the advantage of being quantitative and non destructive under certain conditions.

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