## NMR in pulsed magnetic fields - recent developments

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NMR measurements in the highest pulsed magnetic fields have been developed at dedicated large-scale research facilities for some time and are becoming increasingly available for user experiments. In my presentation, I will give an overview of the current developments, possibilities and peculiarities of NMR experiments in pulsed magnetic fields [1]. Furthermore, through examples on low-dimensional spin systems, I will present opportunities to work on scientific questions that can be uniquely addressed using this technique [2,3].

- [1] H. Kühne and Y. Ihara, Contemp. Phys. 65, 40 (2024)
- [2] J. Kohlrautz et al., J. Magn. Reson. 271, 52 (2016)
- [3] L. Heinze et al., Phys. Rev. Lett. 134, 216701 (2025)