

Interactive comment on “ssNMRlib: a comprehensive library and tool box for acquisition of solid-state NMR experiments on Bruker spectrometers” by Alicia Vallet et al.

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Thank you for the positive feedback.

Replying to: "It also appears as though it would be relatively easy to retrofit into existing pulse sequences using the header equations, which would make switching between pulse programming "styles" fairly seamless. Just a bit of bookkeeping to set it up.":

Our reply: We think that it should be rather straightforward to fit existing pulse sequences into the NMRlib format. To do it in a clean manner, the names of the parameters (CPs, pulse lengths, durations etc) should be the those specified in the naming-

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convention file given in the Supporting Information.

Replying to the possibility to include MQMAS and HMQC experiments:

Our reply: Yes, it would be great to extend NMRlib also to quadrupolar and materials applications. In principle the library is open to any experiment. Feel free to reach out if we can help with ideas. We are not experts in MQMAS applications.

Interactive comment on Magn. Reson. Discuss., <https://doi.org/10.5194/mr-2020-25>, 2020.

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