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The influence of confinement effects on the thermophysical properties of 4-methoxyazobenzene

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Due to global warming and the high global demand for energy, the research and development of sustainable energy storage systems is of great interest. The photoswitchable phase change material 4-methoxyazobenzene (4-MeO-Azo) allows simultaneous storage of two different forms of energy which can be released after an external trigger, shown in Fig. [1]. Herein, we report the change of the thermophysical properties of 4-MeO-Azo in confinement.

Please take a further look in “Anhänge” (appendix).

Primary author: KRAUS, Timm (Universität Hamburg)

Co-author: Prof. FRÖBA, Michael (Universität Hamburg)

Presenter: KRAUS, Timm (Universität Hamburg)

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