

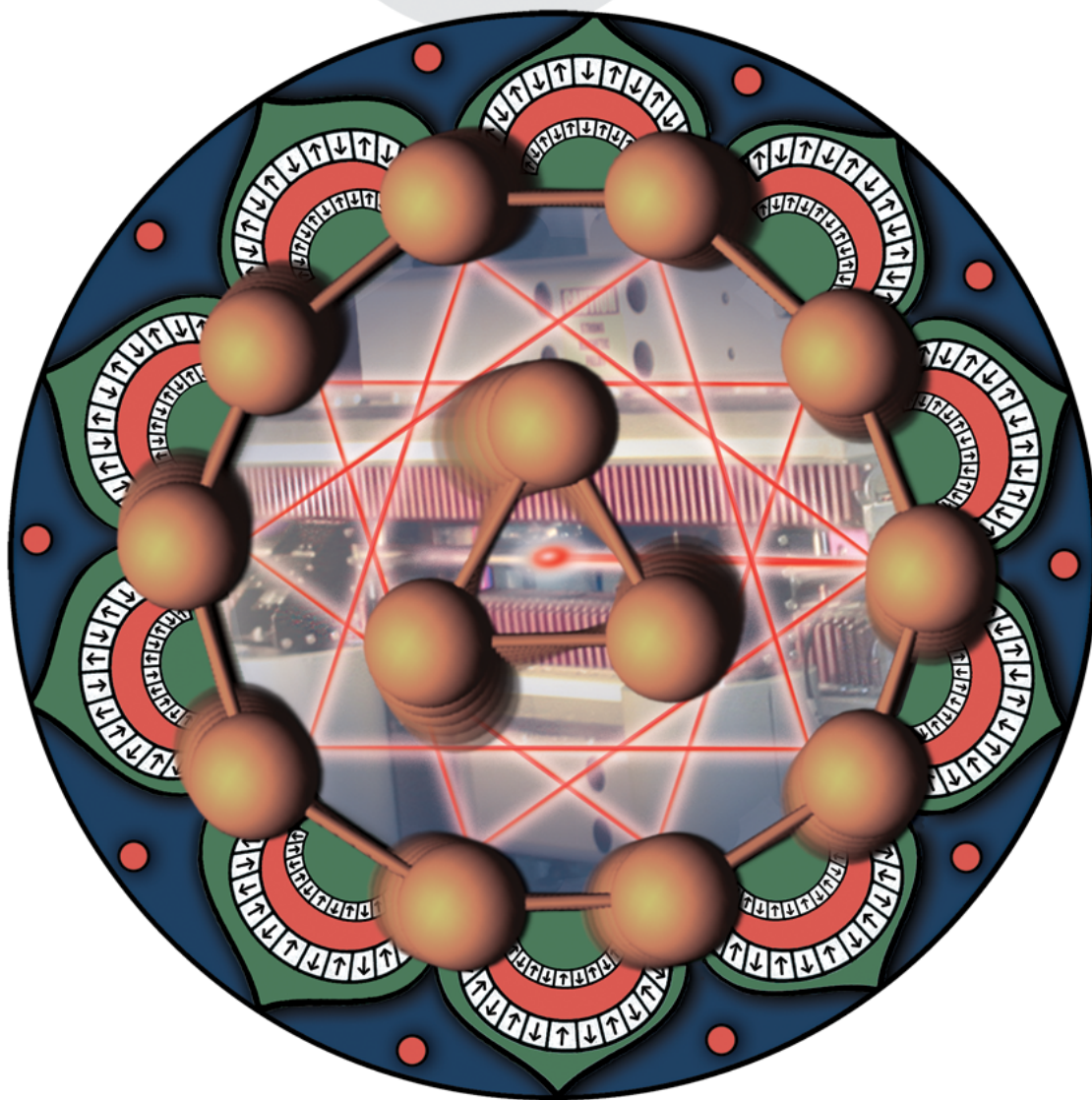
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The magic number boron cluster  $B_{13}^+$ , previously termed as a “molecular Wankel motor”, is predicted to exhibit an exceptional fluxionality already at low temperatures. In their Communication (DOI: 10.1002/anie.201609766), K. R. Asmis et al. spectroscopically confirm the structural assignment to a planar boron double wheel species and present the first experimental evidence for the quasi-rotation of the inner  $B_3$ -ring using cryogenic ion vibrational spectroscopy of  $B_{13}^+$  combined with density functional theory computations and Born–Oppenheimer molecular dynamics simulations.

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