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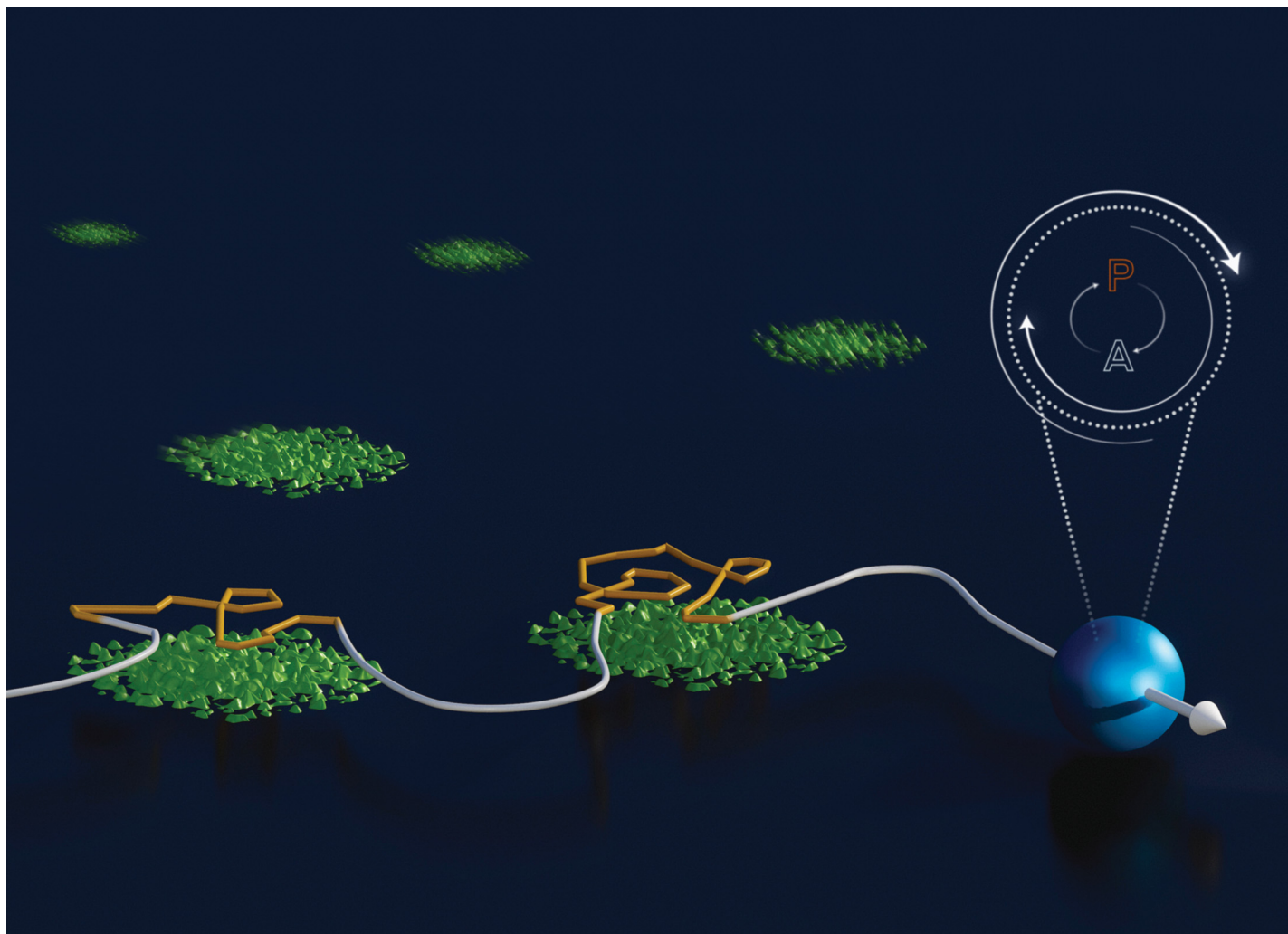
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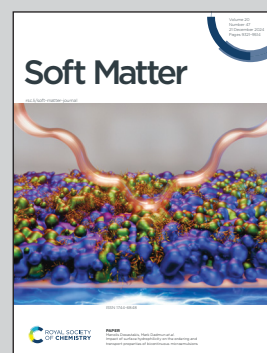


This work is the result of a collaboration between researchers from three institutions: Georg-August-Universität Göttingen (Germany), Heinrich Heine University Düsseldorf (Germany), and the Indian Institute of Technology Indore (India).

Dynamics of switching processes: general results and applications in intermittent active motion

The phenomenon of systems switching between different dynamical phases is widespread. For instance, insects or bacteria may often alternate between persistent active motion and slower diffusion when moving through a patchy landscape or while influenced by external cues. We present a generalized theoretical framework to analyze systems that alternate between two distinct dynamical behaviors and apply it to the case of intermittent active motion.

As featured in:



See Ion Santra, Deepak Gupta *et al.*,
Soft Matter, 2024, **20**, 9360.