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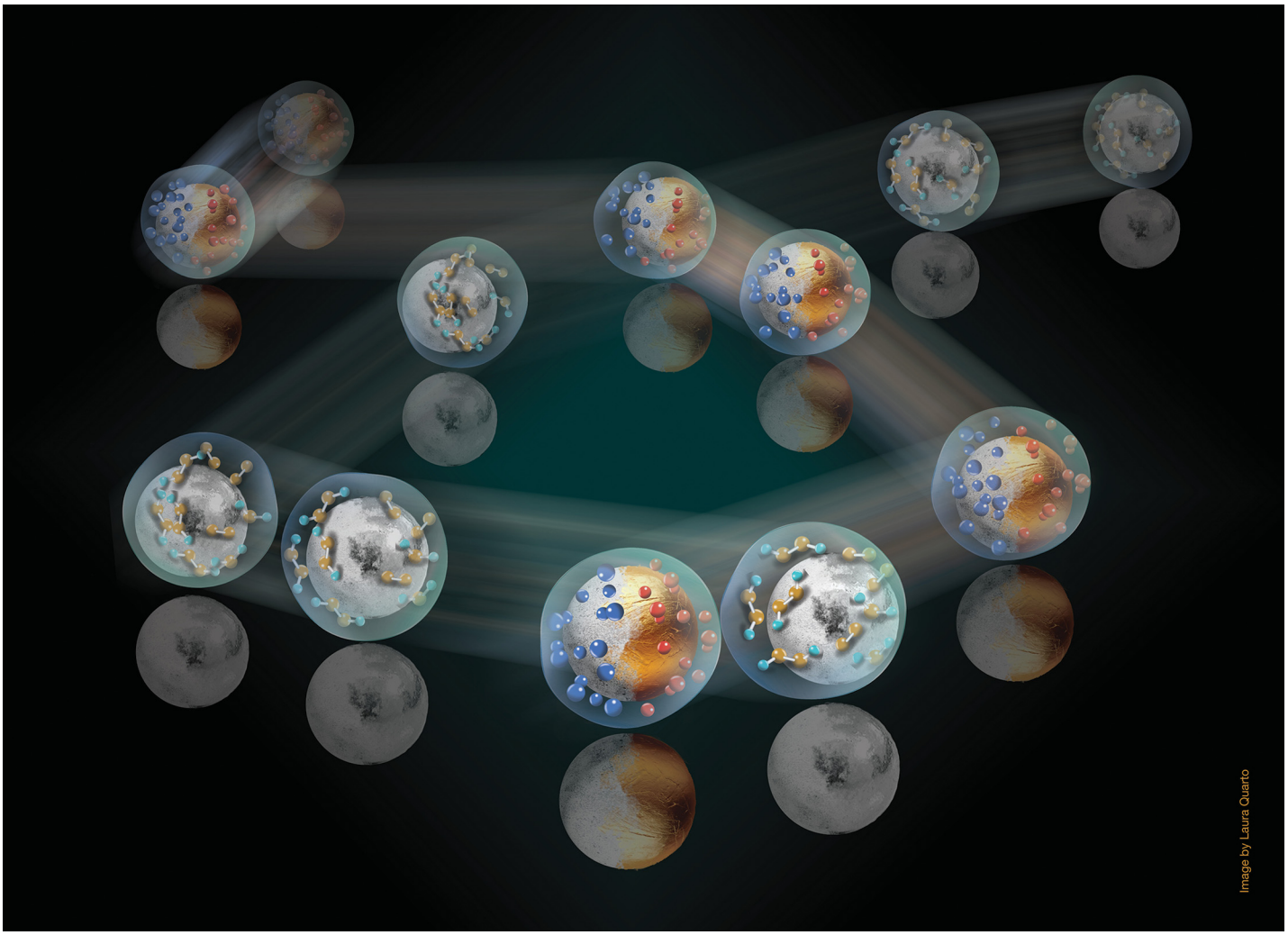

Showcasing research from Professor Peter Schall from the Soft Matter Lab, Institute of Physics, University of Amsterdam, Amsterdam, Netherlands, and Professor Daniela Kraft from the Huygens-Kamerlingh Onnes Laboratory, LION, Leiden University, Leiden, Netherlands.

Power-law intermittency in the gradient-induced self-propulsion of colloidal swimmers

Active colloidal swimmers present intermittent motion patterns following power-law velocity distributions with exponential cut-offs. We study the mechanics in two active colloidal swimmers, through experiments and simulations, showing how the motion and interaction with the substrate give rise to the observed behaviour.

As featured in:

See Nick Oikonomeas-Koppasis *et al.*, *Soft Matter*, 2024, **20**, 6103.

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