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On Demand Formation of Polar Core Vortices in Ferromagnetic Spinor Bose Einstein Condensates

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We describe our efforts to realise on-demand PCV creation in quasi-2D 87Rb spinor BEC with uniform density, created in an optical trap enabled by digital-micromirror devices (DMDs).

Author: Mr KERR, Zachary (The University of Queensland)

Co-authors: GAUTHIER, Guillaume (The University of Queensland); Prof. RUBINSZTEIN-DUNLOP, Halina (The University of Queensland); Prof. DAVIS, Matthew (The University of Queensland); Dr NEELY, Tyler (The University of Queensland)

Presenter: Mr KERR, Zachary (The University of Queensland)

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