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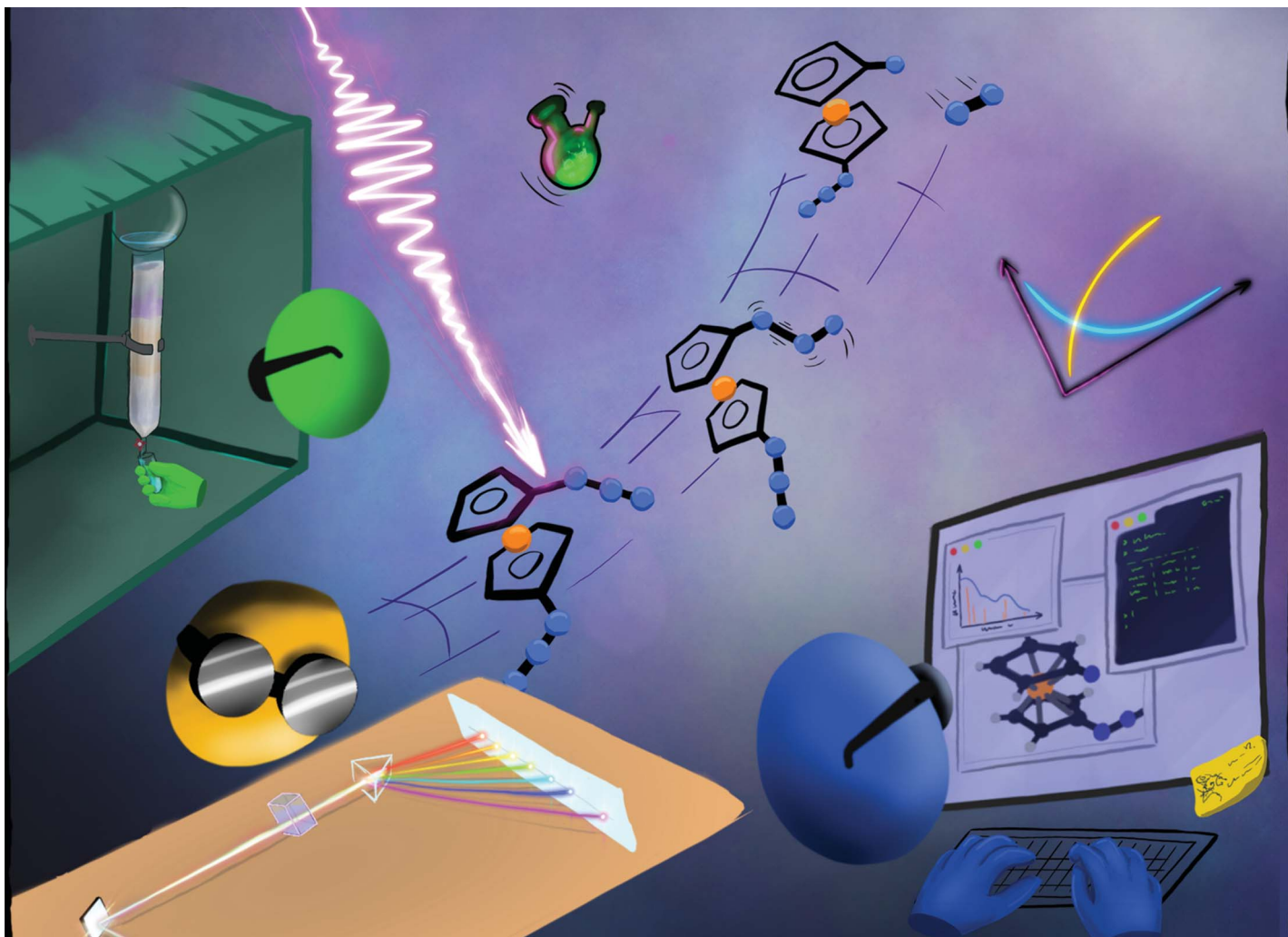
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Showcasing the collaborative research efforts from Professor Sarkar's, Professor Vöhringer's, and Professor Krewald's laboratories, from the University of Stuttgart, the University of Bonn, and TU Darmstadt, Germany.

Ultrafast photogeneration of a metal-organic nitrene from 1,1'-diazidoferrrocene

The artwork showcases the collaborative efforts of synthesis, spectroscopy, and theory in uncovering complex chemical processes. This is exemplified by the elucidation of the photoinduced processes that ultimately lead to the release of dinitrogen from an azide-functionalized ferrocene derivative to create a triplet nitrene species.

As featured in:



See Biprajit Sarkar, Peter Vöhringer, Vera Krewald *et al.*, *Chem. Sci.*, 2024, 15, 6707.