

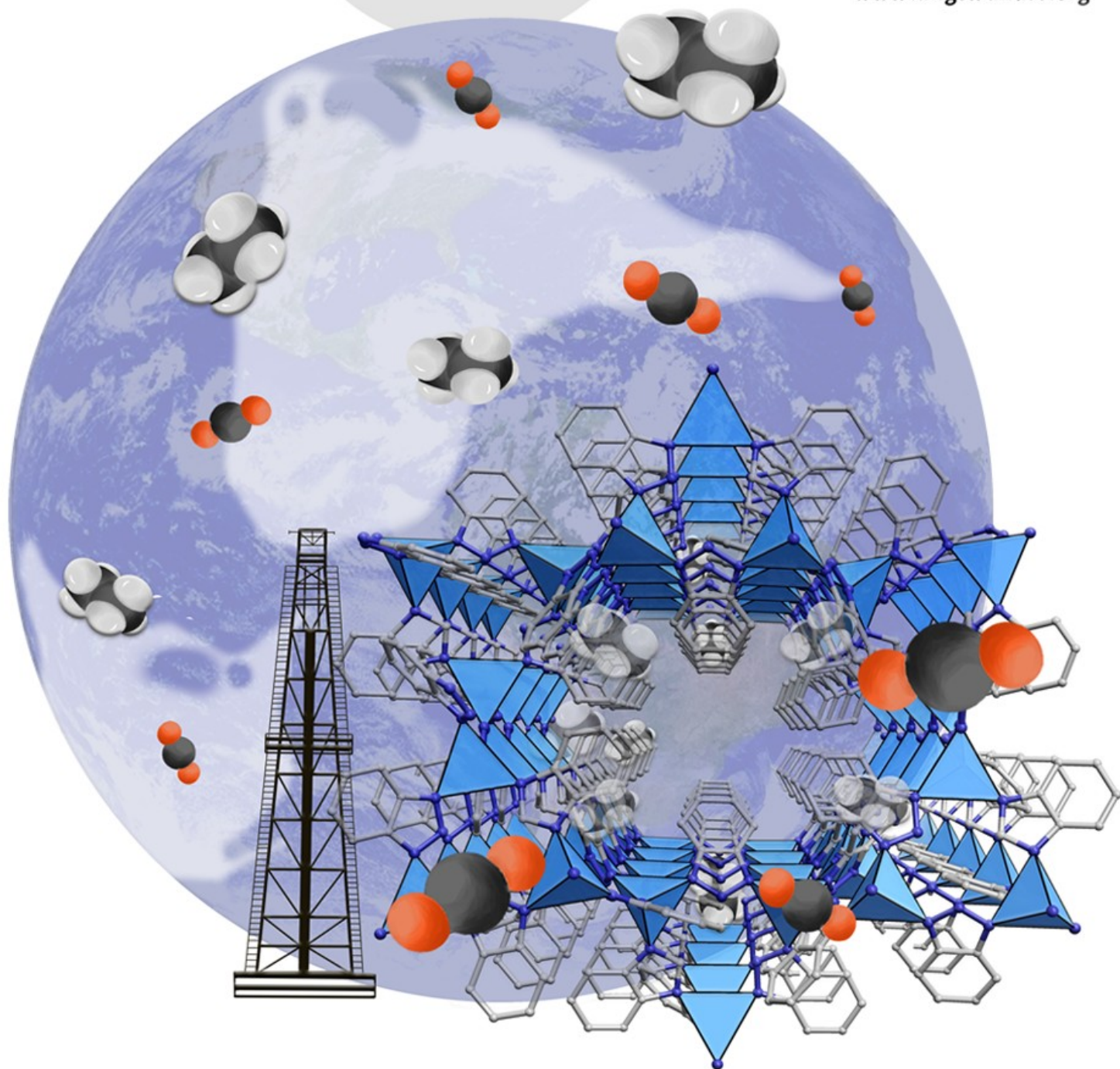
A Journal of the German Chemical Society

# Angewandte Chemie

GDCh

International Edition

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A zeolitic imidazolate framework, termed ZIF-1001, selectively captures carbon dioxide from high-humidity and high-acidity flue gas streams and traps ethane from tail gas during shale gas extraction. In their Research Article (DOI: 10.1002/anie.202207467), Bassem Al-Maythaly, Zhaolin Shi, Kyle E. Cordova, Yue-Biao Zhang et al. uncovered a new design principle in ZIF chemistry to produce a series of ZIFs that combine attractive properties (ultra-high thermal and chemical stability) with exceptional function (practical gas separation). Cover design by Xinhao Li.

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