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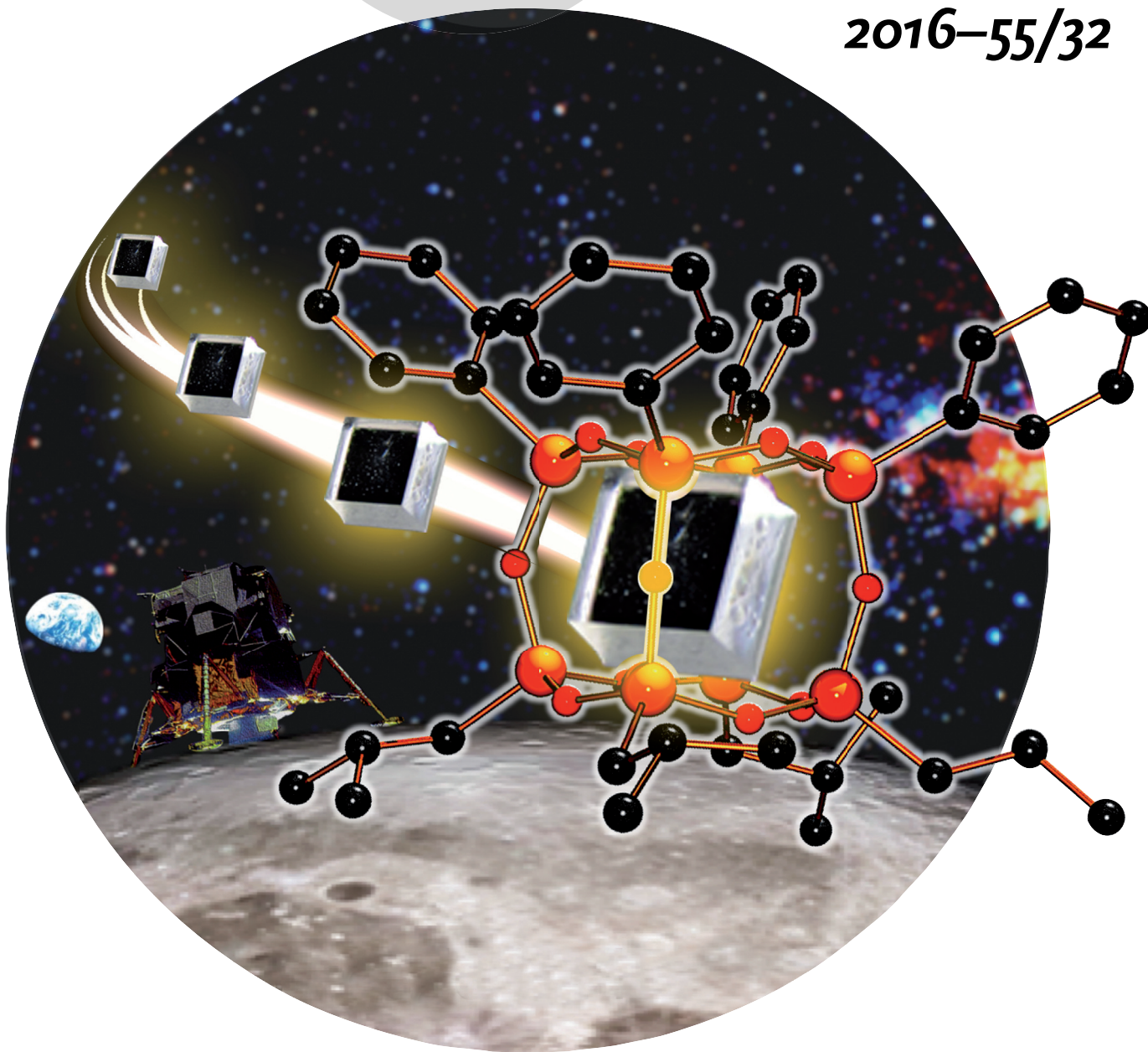
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The Janus cube has landed ...

..., which could be a giant leap for materials science. In their Communication on page 9336 ff., M. Unno and co-workers report the synthesis and X-ray crystal structure of a perfect “Janus cube” octasilsesquioxane, a nanoscale Janus particle with two different types of substituents. This structure was synthesized through the novel cross-coupling of sodium cyclosiloxanolate and cyclic fluorosiloxane “half-cubes”.

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