

Inside Cover

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In contrast to the macroscopic world where a vacuum keeps two hemispheres together, in the nanoscopic world, a vacuum cannot exist within closed surfaces. A. Scarso, F. Fabris, and co-workers demonstrate in their Communication on page 4972 ff. that a suitably tailored chiral molecule with pendant oxime moieties may dimerize to form a supramolecular cooperatively hydrogen-bonded capsule containing atmospheric gases or methane. Illustration by Gaspar Schott from “Experimenta nova (ut vocantur) Magdeburgica de vacuo spatio” (1672). Dr. G. Borsato is acknowledged for the artwork.

