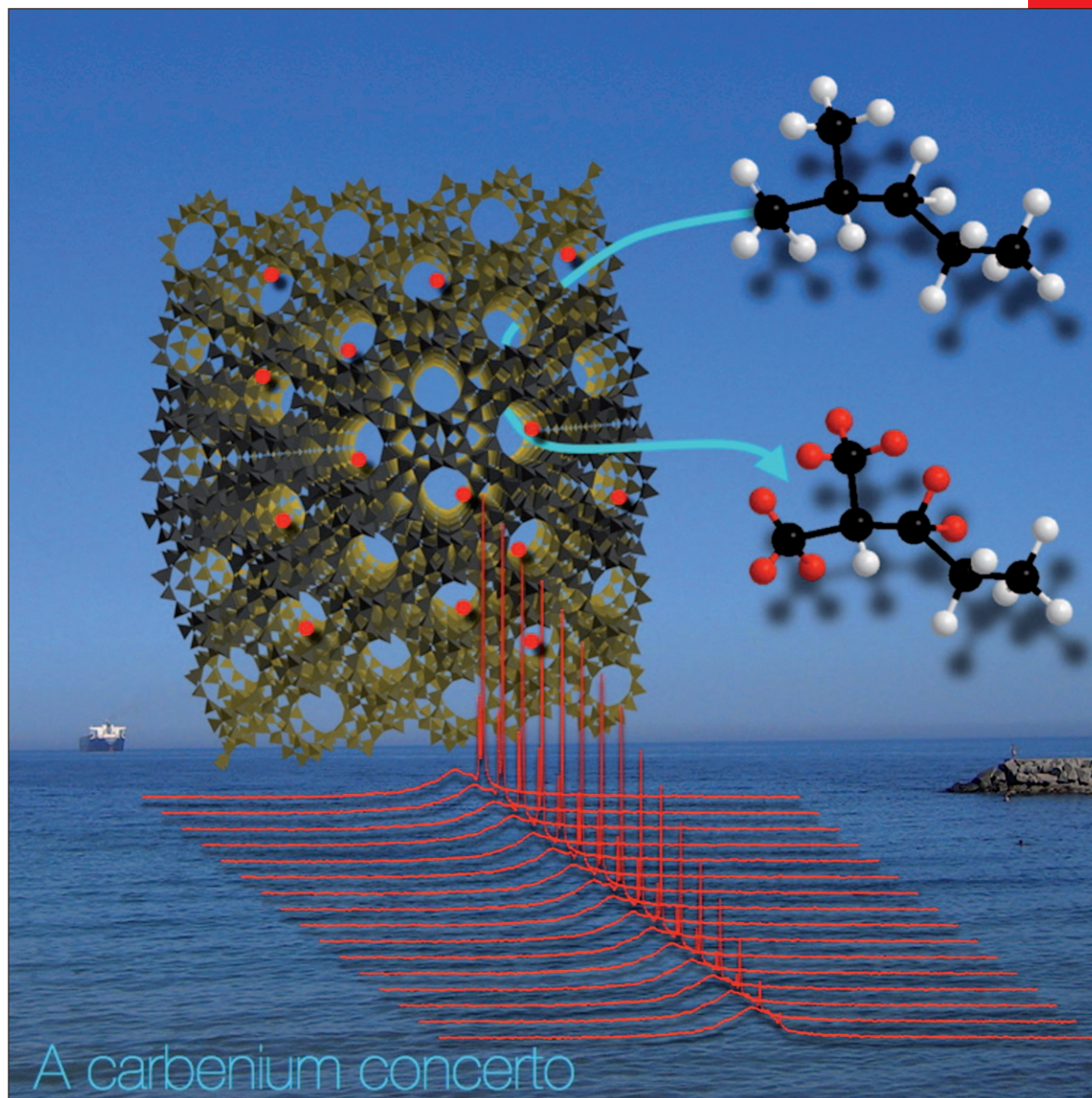


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Isotopic H/D exchange...

... has been monitored by in situ MAS NMR spectroscopy of 2-[D_{1,4}]methylpentane with H-USY zeolite to probe the controversy of the alkane conversion mechanism. In their Full Paper on page 9034 ff., F. Taulelle, M. Haouas et al. find that the first and subsequent steps of the H/D exchange proceed at room temperature through a carbenium intermediate species.

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Mohamed Haouas*, Gerhard Fink, Francis Taulelle*, and Jean Sommer

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