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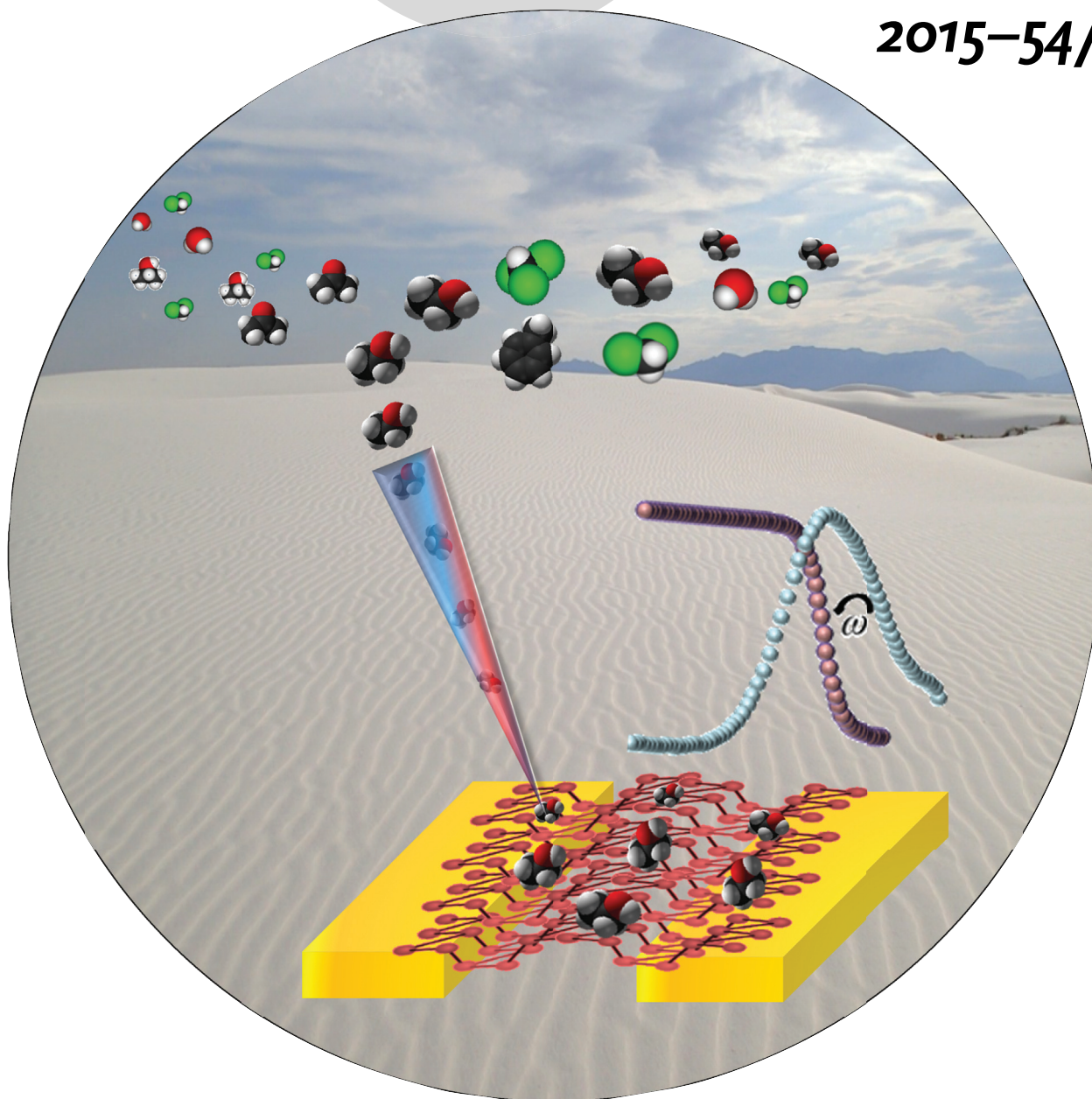
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Black phosphorus ...

... is a layered material that is sensitive to the properties of the surrounding atmosphere. In their Communication on page 14317 ff., M. Pumera et al. turn this sensitivity into an advantage and develop a vapor sensor based on black phosphorus for selective methanol detection. The impedance phase at a constant frequency is used as the key parameter for the selective, sensitive, and reproducible quantification of methanol vapor.

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