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Type: **Oral**

Hydrogen storage: Finite size and proximity effects

Wednesday, 18 March 2026 11:00 (1 hour)

Hydrogen will play a major role as energy carrier in the transition towards a sustainable and carbon dioxide emission free society. I will discuss the opportunities and challenges to store hydrogen. Emphasis will be on proximity and finite size effects, which allow to tune the absorption properties, specifically, the charging kinetics, gravimetric and volumetric capacity as well as efficiency of discharging.

Presenter: WOLFF, Maximilian