



Einladung zum Vortrag von

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**„[2Fe2S] Electrocatalysts for H₂ Production –
a Renewable, Green Fuel”**

Molecular hydrogen is a promising alternative fuel. This lecture will present the development of compounds featuring earth-abundant elements: iron and sulfur, as electrocatalysts for the conversion of transient electricity into storable chemical energy. These catalysts have unprecedentedly high turnover numbers for reducing weak acids into H₂; as illustrated below bubbles of H₂ are rapidly produced at the electrode surface. The novel chemistry engendered in these reactions featuring non-innocent ligands will be presented.

Freitag, 23. Juni 2017, 16:15 Uhr
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Währinger Straße 42, 1090 Wien

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