Einladung zum Vortrag von

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„[2Fe2S] Electro catalysts 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**
Joseph Loschmidt Hörsaal der Fakultät für Chemie
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