

19.06.2018

E i n l a d u n g z u m G D C h - K o l l o q u i u m

Am Donnerstag, dem 12. Juli 2018, 17:00 Uhr, spricht

Professor Dr. Hans-Peter Steinrück

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zum Thema:

Metalation of porphyrins on metal and oxide surfaces

Metallotetrapyrrole complexes are versatile functional building blocks in many biological and biochemical processes. In addition, these molecules are also utilized in technical applications, retaining their highly functional nature within an inorganic framework. Examples include gas sensors, solar cells and catalysts. In this presentation, the surface chemistry of porphyrins on metal and oxide substrates will be addressed. Specific topics are the interplay between porphyrin-substrate and porphyrin-porphyrin interactions, the role of the substrate, surface diffusion, and the synthesis of metalloporphyrin monolayers by direct metalation of free base porphyrins, under UHV conditions and in the liquid phase.

Ort: Fakultät für Chemie und Mineralogie, Johannisallee 29, kl. HS 015 (Wislicenus-Hörsaal), 04103 Leipzig

Alle Interessenten sind zu diesem Vortrag herzlich eingeladen.

Ab 16:15 Uhr findet ein gemeinsames Kaffeetrinken in Raum 410 (TA) statt.