



GESELLSCHAFT DEUTSCHER CHEMIKER

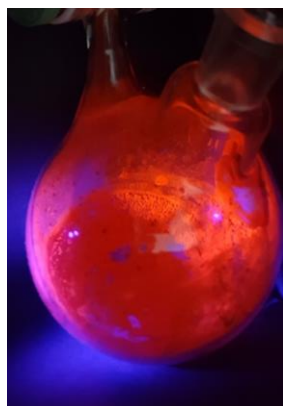
Ortsverband Osnabrück

“Photochemistry of Complexes with Earth-abundant Metals”

Prof. Dr. Katja Heinze

*Inorganic Chemistry – Sustainable Coordination Chemistry and Photochemistry,
Department of Chemistry, Johannes Gutenberg University Mainz*

I will discuss recent developments and future directions of research on photoactive coordination compounds made from non-precious transition metal elements instead of conventionally used noble metals. I will focus on well-characterized complexes with excited state lifetimes ranging from sub-picoseconds to milliseconds in solution. The nature of the excited states comprise spin-flip, ligand-to-metal and metal-to-ligand charge transfer states. Emerging applications cover sensing, luminescence, photocatalysis and upconversion.



Der Vortrag findet am **Di., 04.06.2024, 16:15 Uhr** im CellNanOs statt:
Raum 38/201, Barbarastr. 11, 49076 Osnabrück

Besucher sind herzlich willkommen!

Der Ortsverbandsvorsitzende:

Prof. Dr. Andreas Hennig, Chemie Osnabrück, Universität Osnabrück
Tel.: 0541 969-2495; Email: andreas.hennig@uni-osnabrueck.de