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Building 99, Seminar Room I+II (EG)

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Charge transfer dynamics in transition-metal centers – applications to bioinorganic model compounds and transition metal oxides

Due to their capability to foster a large number and switchable oxidation states transition metals form the core of many functional centers in bioinorganic model complexes as well as in transition metal oxides.

In the current talk I will review some of our group activities related to Tyrosinase model compounds, transition metal oxides and interfaces of them. We will pay special attention to novel spectroscopic and time resolved spectroscopies. (see e.g. doi: [10.1103/PhysRevLett.113.067001](https://doi.org/10.1103/PhysRevLett.113.067001), doi: [10.1038/ncomms4663](https://doi.org/10.1038/ncomms4663), doi: [10.1002/anie.201306061](https://doi.org/10.1002/anie.201306061))

