

GDCh-Ortsverband Marburg, SFB 1083 und GRK 1782**Mittwoch, 25.06.2014
17.15 Uhr, Hörsaal C****Prof. Dr. Philip P. Power
University of California at Davis, USA****Low, 2- or 3-Coordinate Transition Metal Complexes and
Their Magnetic Properties**

The main themes of the lecture will be the presentation of synthetic routes to low-coordinate complexes of the first row transition elements. In addition, their structures, spectroscopic properties, and chemistry will be discussed. Several of the complexes are characterized by very high orbital magnetic moments, high zero field splittings (ZFS), and potentially high barriers to spin reversal, and thus potential application as single molecule magnets (SMMs).

