

Special Organic Seminar

presenting

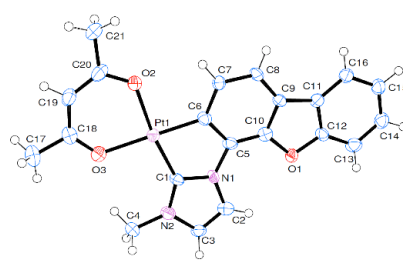
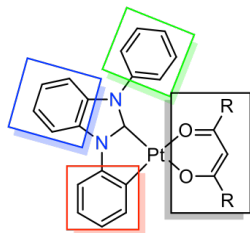
Professor Thomas Straßner



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“Photophysically Active Platinum(II) NHC Complexes”

Abstract. During the last decade luminescent platinum(II) complexes have been investigated as functional molecular materials for the potential application as **Phosphorescent**, triplet emitting metal complexes in **Organic Light Emitting Diodes (PhOLEDs)**. Depending on the design of the ligands in the square planar platinum(II) complexes efficient phosphorescence has been observed. We recently synthesized a new class of photophysically active complexes, which will be presented in the talk. These cyclometalated platinum(II) complexes with donating *N*-heterocyclic carbenes show interesting photophysical properties and show a high potential for the application as triplet emitters in organic light emitting devices.



Thursday, March 10, 2016

5:00 PM

Cram Conference Room – 3440 Molecular Sciences Bldg