

DEPARTMENT OF CHEMISTRY

SPECIAL SEMINAR

Monday
December 17, 2012

3:30 pm

Room 1315
Chemistry

Mechanistic investigations of surface-mediated reactions for heterogeneous catalysis and efficient energy conversion



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Energy conversion and efficient use are two critical aspects in the sustainable energy landscape. One case study on each of the two areas will be discussed: 1) Mechanistic studies on oxidative-coupling reactions mediated by metallic gold in the broad field of heterogeneous catalysis, and 2) Thermochemical cycles for water splitting in the area of thermal-to-chemical energy conversion.