Showcasing research from the groups of Rudolf Pietschnig at the University of Kassel, Germany and Zsolt Kelemen at the Budapest University of Technology and Economics, Hungary.

Tailoring the Fe → Pd interaction in cationic Pd(II) complexes via structural variation of the ligand scaffold of sterically demanding dppf-analogs and their P,N-counterparts

Ferrocene-based P,N and P,P ligands are presented with their cationic Pd(II) complexes featuring examples with the shortest or longest Fe-Pd distances reported so far compared with related ligands, and the underlying Fe → Pd interaction is analyzed with DFT calculations.