

Supplementary Information

A Bimetallic Strategy to Modulate Electronic Metal Support Interaction in $\text{Co}_3\text{O}_4(111)$ -Based Catalysts: The Case of Supported Rh–Pt Core-Shell Nanoparticles

Jonas Hauner,^a Alexander Simanenko,^a Lukáš Fusek,^b Tomáš Skála,^b Nataliya Tsud,^b Firas Faisal,^a Sascha Mehl,^c Jörg Libuda,^a Yaroslava Lykhach*^a

^a*Interface Research and Catalysis, ECRC, Friedrich-Alexander-Universität Erlangen-Nürnberg,
Egerlandstrasse 3, 91058 Erlangen, Germany*

^b*Charles University, Faculty of Mathematics and Physics, Department of Surface and Plasma
Science, V Holešovičkách 2, Prague, 18000, Czech Republic*

^c*Elettra-Sincrotrone Trieste SCpA, Strada Statale 14, km 163.5, Basovizza-Trieste, 34149, Italy*

S1. Structure of $\text{Co}_3\text{O}_4(111)$ films prepared on Ir(100) substrate.

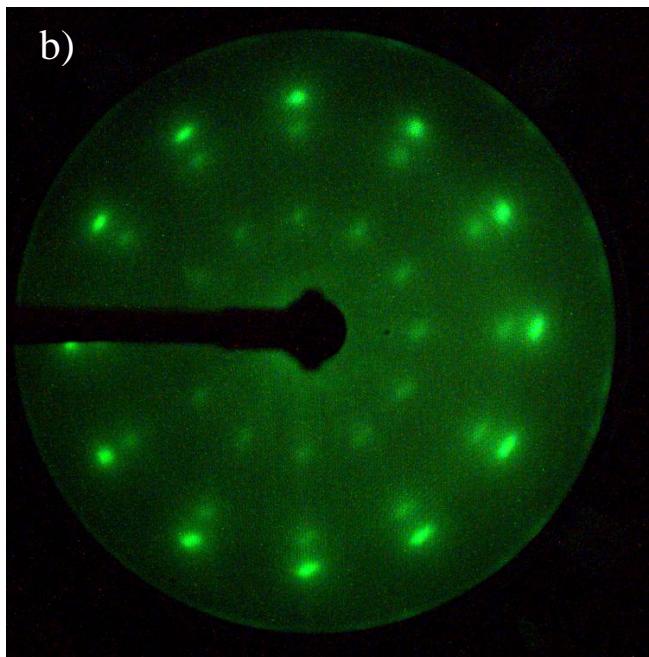
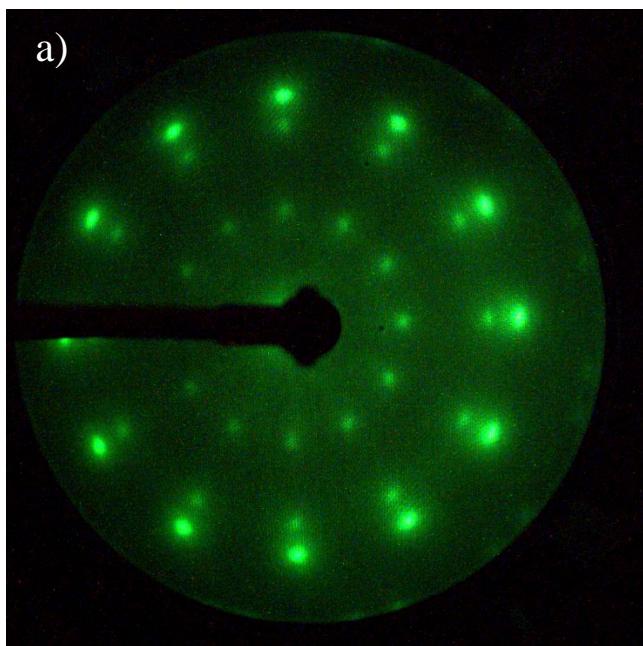


Figure S1. LEED patterns obtained from $\text{Co}_3\text{O}_4(111)$ films on Ir(100) used as supports for Rh@Pt (a) and Pt@Rh (b) nanoparticles. The LEED patterns were obtained with electron beam energy of 67.0 eV.