

Observation of physical and chemical properties of
2D carbon materials

报告人：郭东辉 博士



Dr. Donghui GUO was graduated from Jilin

University for Bachelor and Institute of Physics, CAS for PhD. After getting PhD, he moved to Catalysis Research Center, Hokkaido University and University of Tsukuba for surface physics and chemistry research. His current research focus on physical and chemical properties of two dimensional carbon materials

In this talk, the works introduced are focusing the modified 2D carbon materials. One is the identification of active site for oxygen reduction reaction of in-plan nitrogen doped carbon materials by way of electro-chemical studies. The other is the observation of pseudomagnetic field on the surface of potassium partially intercalated HOPG (Highly Oriented Pyrolytic Graphite) by way of STM-STs. The works were published on Science and Nature Communications.