FHI Poster Sessions 2024

Thursday, 28 November 2024

ISC / AC Poster Session (14:00 - 16:00)

time	[id] title	presenter
14:00	[203] 4.ISC.07 The Impact of Pressure and Bias on the Transition State of the Oxygen Reduction Reaction	Dr SILVA OLAYA, Alex Ricardo
14:00	[217] 4.ISC.05 Operando Surface X-ray Diffraction for probing the electrochemical double-layer	Ms ALAGÖZ, Öykü
14:00	[204] 4.ISC.06 Entropy-Enthalpy Relationships of the Hydrogen Evolution Reaction	GISBERT-GONZALEZ, José Maria
14:00	[202] 4.ISC.08 Correlated Operando Electron and X-ray Microscopy Experiments for Probing Structure and Chemistry of Electrocatalysts during Reaction	Ms YANG, Fengli CHEE, See Wee
14:00	[183] 4.ISC.11 Tracking the evolution of Co single atom electrocatalysts using operando XAS and machine learning	MARTINI, Andrea
14:00	[176] 4.ISC.12 Lab-Based Operando X-Ray Absorption Spectroscopy for Thermal- and Electrocatalytic Reactions	JANG, Joon Baek
14:00	[175] 4.ISC.02 Operando Insights of Cu-Pd Catalysts for Electrocatalytic Nitrate Reduction to Ammonia	Dr BAI, Lichen
14:00	[172] 4.ISC.03 Influence of Defects on the Active State Formation of Doped Co3-xMxO4 Electrocatalysts during Oxygen Evolution Reaction	WAGNER, Timon
14:00	[169] 4.ISC.04 Interfacial Charge Dynamics and Catalytic Performance in Epitaxially Grown Cobalt Oxide Films for Enhanced Oxygen Evolution Reaction	TSATSOS, Sotirios
14:00	[156] 4.ISC.17 Segregation effects on NiO/Cu(100) and Ni/Cu(100) under CO2 hydrogenation conditions: bringing the quasi in situ and in situ worlds together	PRIETO, Mauricio J.
14:00	[155] 4.ISC.18 Role of Copper in Ni-Cu Catalysts for Methane Dry Reforming	DE SOUZA CALDAS, Lucas
14:00	[154] 4.ISC.20 Effects of Interfacial Hydration Layers and Surface Heterogeneities on Electrocatalysis and Viscosity	Dr ZHOU, Ya-Wei JHA, Neha MUNZ, Martin
14:00	[152] 4.ISC.13 Plasma pre-treatment effects on the structure and reactivity of Pt/Al2O3 single-atom catalysts in propane dehydrogenation	YANG, Jingyi
14:00	[151] 4.ISC.15 NAP-XPS study of CO2 hydrogenation on “inverse” In2O3(111)/Ru(0001) model catalysts	ZHU, Jie
14:00	[150] 4.ISC.10 Altered CO2 Reduction Selectivity and Stabilization of UHV-Prepared Cu(111) Single Crystals by Two-Dimensional Silica Thin Films	NAVARRO, Juan J. GIESBRECHT, Patrick
14:00	[149] 4.ISC.09 Nitrogen Heterocycle Assemblies on Cu(111) and Ag(111): Towards Organic Modification of Catalytic Surfaces	LANDWEHR, Felix NAVARRO, Juan J. BELOZERTSEV, Mikhail
14:00	[147] 4.ISC.14 Tuning the Cu−ZnO Interaction in ZnO/Cu2O Nanocube Catalysts for Methanol Synthesis	KORDUS, David
14:00	[142] 4.ISC.16 Role of Step Density and Orientation on Single Crystals in Enhancing Copper Catalysts Surfaces for CO$_2$ Electroreduction	HEYDE, Markus

14:00	[139] 4.ISC.01 Activating Cu(310) surfaces for CO2RR	LASAGNA, Samuele
14:00	[153] 4.AC.01 Insights into NH3 Decomposition with FAIR Data and Operando Studies	MOSHANTAF, Abdulrhman NGO, Anh Binh ALKAN, Baris Dr SCHUMANN, Julia
14:00	[161] 4.AC.04 Multidimensional Development of Pd-based Catalysts in Acetylene Hydrogenation: Role of Second Element - CatLab Insights	LI, Zehua
14:00	[148] 4.AC.07 Investigation of the electronic structure of NiOx(OH)y under OER by operando XAS and DFT	GHAFARI, Aliakbar TESCHNER, Detre
14:00	[145] 4.AC.06 Advancing Operando Characterization of Interfacial Complexions in Solid Oxide Electrolysis Cells Using LSM Thin Films on YSZ as a Model System	Dr TRAN, Xuan Quy Dr ALI, Hebatallah
14:00	[144] 4.AC.05 Decoding the Structure of Technical Multi-Promoted Ammonia Synthesis Catalysts	SANDOVAL, Luis WANG, Jihao BLUME, Raoul
14:00	[141] 4.AC.02 Catalytic Hydrogenation for the Valorization of CO□	KAPPIS, Konstantinos
14:00	[140] 4.AC.08 The Working Structure of Cobalt Oxides in Oxidation Reactions	CRUZ, Daniel SCHMIDT, Franz WANG, Jihao GÖTSCH, Thomas
14:00	[138] 4.AC.03 Towards the Understanding of the Surface Interaction of Cu-ZnO Catalyst under CO2 Hydrogenation Conditions – CatLab Insight	Dr BONIFACE, Maxime Dr SUMMA, Paulina