

2024 DTU-AIMR Catalyst Workshop: Catalyst Design for a Greener Tomorrow

Date and Time : 17:00 – 20:05 (JST), Mar. 5th (Tue)
9:00 – 12:05 (CET), Mar. 5th (Tue)

Method : Online

Plenary: Prof. Jens K. Nørskov

Villum Kann Rasmussen Professor, Department of Physics, Technical
University of Denmark (DTU)

Chair: Hao Li, AIMR, Tohoku University

Speaker 1: Di Zhang, AIMR, Tohoku University

Speaker 2: Hiroshi Yabu, AIMR, Tohoku University

Speaker 3: Tengyi Liu, AIMR, Tohoku University

Speaker 4: Xueping Qin, DTU Energy, Technical University of Denmark

Speaker 5: Aoni Xu, The University of Sydney

Speaker 6: Xianbiao Fu, Technical University of Denmark

Speaker 7: Heng Liu, AIMR, Tohoku University

You are viewing Xianbiao Fu's screen



View Options

Hao Li | zhongyuan's... | Hiroshi Yabu | Aoni Xu | Di Zhang | Xianbiao Fu

Recording

The DTU-AIMR Workshop on Catalyst Design

Electrochemical Ammonia Synthesis from Its Elements

Xianbiao Fu (付先彪)
 Technical University of Denmark

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View Options

Hao Li | Jens Kehlet Nørskov | Steven Zhang | Hang Yin | Xiaohan Zhang | Zhongti Sun

Recording

Activity and selectivity maps

DTU

573 K, 2:1 H₂:CO, 90 bar, stepped surfaces

CH₄ | MeOH | EtOH | MeOH/CH₄ Selectivity

Oxygen Binding [eV] | $\log_{10}(\text{TOF} [\text{s}^{-1}])$

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