

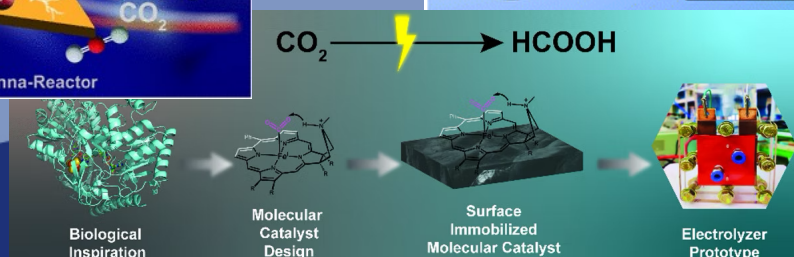
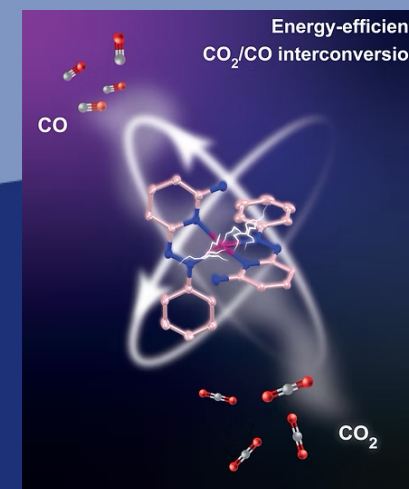
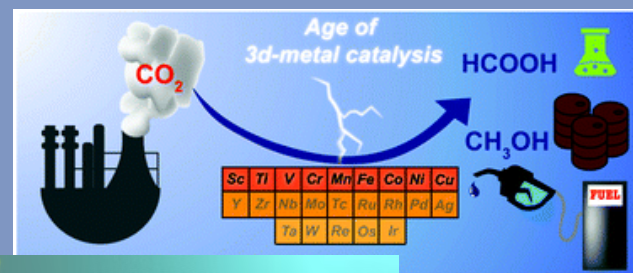
# 第97回有機元素化学セミナー / The 97th Organoelement Seminar Series



**Prof. Arnab Dutta**  
(IIT Bombay, India)

website URL: <https://www.arnabdutta-bioinorganic-lab.com/>

**"Unraveling Multielectron CO<sub>2</sub> Reduction Mechanisms through Direct Observation of Reactive Intermediates by EPR Spectroscopy"**



We are pleased to inform you that Arnab Dutta will be delivering a seminar at our institution. Dr. Dutta is recognized for his work in molecular electrocatalysis, particularly in the development of catalysts for CO<sub>2</sub> conversion and energy-relevant reactions. In this seminar, he will present recent advances in mechanistic studies of CO<sub>2</sub> reduction, focusing on the direct observation of reactive intermediates using EPR spectroscopy. He will discuss how these insights help elucidate multielectron reaction pathways and inform the design of more efficient catalytic systems.

**16:00-17:30, May 15th (Fri.), 2026@Conference Room 2 (Room No.345), 3rd floor, Main Bldg.**  
**Host: Yuma Morimoto (Sch. of Sci.) ([yuma.morimoto@chem.sci.isct.ac.jp](mailto:yuma.morimoto@chem.sci.isct.ac.jp))**