

## Pacificchem2020 シンポジウム (#127) " New Directions in Homo/Heterogenous Catalysis of Hydrogen Production and CO<sub>2</sub> Utilization "発表募集のお知らせ

2020 環太平洋国際化学会議 (Pacificchem2020) におきまして、" New Directions in Homo/Heterogenous Catalysis of Hydrogen Production and CO<sub>2</sub> Utilization " と題したシンポジウムが開催されます。

趣旨 : As the impetus grows for finding practical routes to sustainable fuels and value-added chemicals, the global research community has developed creative systems for catalyzing both hydrogen production and carbon dioxide (CO<sub>2</sub>) functionalization that are increasingly uniting principles from heterogeneous catalysis and homogeneous biocatalysts, molecular catalysts and inorganic/organic hybrid catalysts. This session will showcase new directions in the catalysis of hydrogen production and carbon dioxide utilization, and seek to address the relationships between homogeneous, heterogeneous and biocatalysis of these reactions in the context of sustainable chemistry and renewable energy catalysis. The topics in this session will therefore be chosen to highlight novel approaches to thermal catalytic, photo/electrocatalytic, and hybrid catalytic reactions for hydrogen production and carbon dioxide utilization that sit at the interface of molecular synthesis, bioinorganic chemistry, materials and surface science. In providing a forum to address the role of these disciplines in the application of sustainable chemistry and catalysis to meet the pressing global challenge of finding sustainable routes to energy and commodity chemicals, we aim to provide a space for creative and stimulating discussion at Pacificchem that contributes strongly to the theme of "Chemistry for Sustainability."

日時 : 12月15日(火), 12月16日(水)

口頭発表 12月15日(火) (Morning, Afternoon)

ポスター発表 12月16日(水) (Morning)

会場 : Hilton Waikiki Beach

アブストラクト提出締切 : 日本時間 2020年04月02日(木) 13:59 (米国東部標準時(EST)  
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