

応化分子教室セミナー、第72回CMSセミナー

The 4th Excited-state Functional Chemistry Seminar

Dr. Sebastian Sprick ([Link](#))

University of Strathclyde, UK

“Conjugated materials for solar water splitting”

Date: September 9th (Fri) 2022, 15:00~

Place: West 4-314

Abstract: Photocatalytic hydrogen production from water is a research area of immense interest as hydrogen has been identified as a potential energy carrier of the future. Most of the studied photocatalysts are inorganic and organic materials have been far less studied, with the exception of carbon nitride materials. Here, I will present our work on the application of conjugated materials as photocatalysts for hydrogen production from water. I will discuss synthetic approaches in tuning the photocatalysts properties to improve photocatalytic activity and approaches in facilitating overall water splitting.

Contact: Department of Applied Chemistry, Kyushu University, Nobuhiro Yanai (yanai@mail.cstm.kyushu-u.ac.jp, 2836)

Admission: free

