

# Open Innovation Center of Hydrogen Science for GX 2nd Workshop

Date and Time : Tuesday, April 4, 2023, 17:25–19:05 (JST)

Method : Online

- 17:25 ~ 17:30      Opening Remarks  
Shin-ichi ORIMO (Director of AIMR, Tohoku University)
- 17:30 ~ 18:00      Dr. Michael HIRSCHER  
(Research Group Leader of Hydrogen Storage Group,  
Max Planck Institute for Intelligent Systems)  
"Improving Hydrogen Storage in Metal–Organic Frameworks"
- 18:00 ~ 18:15      Q & A
- 18:15 ~ 18:45      Prof. Chris J. PICKARD  
(Sir Alan Cottrell Professor of Materials Science,  
University of Cambridge)  
"Computational Search for Novel Hydrogen Phases and Hydrides  
under Pressure"
- 18:45 ~ 19:00      Q & A
- 19:00 ~ 19:05      Closing Remarks  
Shin-ichi ORIMO

**IMPROVING HYDROGEN STORAGE IN METAL-ORGANIC FRAMEWORKS**

**MAX PLANCK INSTITUTE FOR INTELLIGENT SYSTEMS**



Michael Hirscher


*MPI Intelligent Systems, Stuttgart, Germany*  
*WPI-AIMR, Tohoku University, Sendai, Japan*



MAX PLANCK INSTITUTE FOR INTELLIGENT SYSTEMS | MICHAEL HIRSCHER



**Computational Search for Novel Hydrogen Phases and Hydrides under Pressure**



**Chris J Pickard**

University of Cambridge, Department of Materials Science and Metallurgy  
 Tohoku University, Advanced Institute for Materials Research

Image: Lewis Conway

