14th International Summer School on Advanced Studies of Polymer Electrolyte Fuel Cells (PEFCs)

Date: 29. August - 6. September 2022

Hybrid Event (online and face to face)

Place: Yokohama National University, Energy Engineering Bldg. 501
Graz University of Technology, Inffeldgasse 18, HS i1

Online Zoom Meeting

Central European Summer Time	Japan Time	**Monday**	**Tuesday**	**Wednesday**	**Thursday**	**Friday**	**Saturday / Sunday**	**Monday**	**Tuesday**
		2022/8/29	2022/8/30	2022/8/31	2022/9/1	2022/9/2	03./04.09.2022	2022/9/5	2022/9/6
08:30 09:45	**15:30 16:45**	**Welcome - Introduction** Shigenori Mitsushima	**Quiz and working together**	**Modelling of PEFC** Uwe Reimer	**PEFC Testing protocols** Gaetano Squadrito	**Catalyst characterization using X-ray diffraction** Aurélien Habrioux		**Hydrogen production by water electrolysis** Yoshiyuki Kuroda	**Interactive Workshop**
10:00 11:15	**17:00 18:15**	**Principle and application of Fuel Cells** Viktor Hacker	**Student Poster presentation**	**Mass transport in PEFC** Takuto Araki	**Determination of Kinetic Parameters** Boniface Kokoh	**Fuel cell durability** Merit Bodner		**Green Hydrogen for our Future Sustainable Growth** Ken-ichiro Ota	**Interactive Workshop**
11:30 12:45	**18:30 19:45**	**Fundamentals of electrode processes** Bernhard Gollas	**Student Poster presentation**	**Measurement Techniques** Yoshiyuki Kuroda	**Synthesis Methods for designing Electrocatalysts** Têko Napporn	**Modelling of fuel cell degradation** Tomaž Katrašnik		**Thermochemical hydrogen production and purification** Sebastian Bock	**Closing**