

**Sunday 13/09/2026**

18:00 student registration
18:00 optional: Get-together of all lecturers
20:00 welcome reception (bar)
20:30 welcome dinner

Monday 14/09/2026

P.01	08:30	Welcome and General Introduction	Robert Steinberger-Wilckens (U Bham)
	09:00	Sustainable and Renewable Energy Future	Jens Oluf Jensen (DTU)
	09:45	coffee break	
P.02	10:00	Introduction to Fuel Cells and Electrolysis	Robert Steinberger-Wilckens (U Bham)
	11:15	break	
P.03	11:30	Thermodynamics and Efficiency of Electrochemical Cells	Jens Oluf Jensen (DTU)
	13:00	lunch	
P.04	16:00	Introduction to Battery Technology	Hans Kungl (FZJ)
	17:30	coffee break	
P.05	17:45	PowerTalk - Panel discussion on the evolution of the 'hydrogen economy'	moderated by Robert Steinberger-Wilckens (U Bham) with Prof Ferdinand Panik and Prof Walter Czarnetzki
P.06	19:15	Introduction to the Students' Project	Shangfeng Du (U Bham)
	20:00	dinner	
St.01	21:00	Students' Introductions I	Hans Kungl (FZJ)

Tuesday 15/09/2026

HT.01	08:30	Introduction to solid state chemistry and electrolytes for SOFC	Maxim Ananyev (U Poitiers)
	09:45	coffee break	
HT.02	10:00	Air and fuel electrodes for SOFC and SOEC	Maxim Ananyev (U Poitiers)
	11:15	break	
HT.03	11:30	Python practice: simple model of SOFC and SOEC	Maxim Ananyev (U Poitiers)
	13:00	lunch	
P.07	16:00	Characterisation Methods for Fuel Cell, Electrolyser and Battery Materials	Shangfeng Du (U Bham)
	17:15	coffee break	
P.08	17:30	CO ₂ catalysis and valorisation	Hans Kungl (FZJ)
	18:45	break	
St.02	19:00	Students' Introductions II	Anke Hagen (DTU)
	20:00	dinner	
St.03	21:00	Lecturer and Student get-together (Terrace)	all

Wednesday 16/09/2026

HT.04	08:30	Interconnects, contact materials and degradation phenomena	Maxim Ananyev (U Poitiers)
	09:45	coffee break	
HT.05	10:00	Cell and Stack Materials and Designs for SOFC / SOE	Vaibhav Vibhu (FZJ)
	11:15	break	
HT.06	11:30	Manufacturing of SOFC / SOEC	Vaibhav Vibhu (FZJ)
	13:00	lunch	
	14:00	excursion	
	21:00	dinner	

Thursday 17/09/2026

P.09	08:30	Atomistic Modelling in fuel cell, electrolyser and battery research	Arghya Bhowmik (DTU)
	09:45	coffee break	
HT.07	10:00	System Technology for SOFC and SOE	Vaibhav Vibhu (FZJ)
	11:15	break	
HT.08	11:30	Exercise on Materials / Design	Vaibhav Vibhu (FZJ)
	13:00	lunch	
HT.09	16:00	Diagnostics and Lifetime	Anke Hagen (DTU)
	17:15	coffee break	
HT.10	17:30	Exercise on Diagnostics, Lifetime & System Technology	Anke Hagen (DTU)
	18:45	break	
P.10	19:00	State of the Union: Hydrogen, Batteries, and future outlook(s)	Robert Steinberger-Wilckens (U Bham)
	20:00	dinner	

Friday 18/09/2026

HT.11	08:30	New Trends in SOFC / SOEC	Anke Hagen (DTU)
	09:45	coffee break	
St.04	10:00	Student project time (coaching)	all lecturers & students
	11:15	break	
St.05	11:30	Student project time (coaching)	all lecturers & students
	13:00	lunch	
St.06	16:00	Optional ECTS exams	
	16:45	coffee break	
St.07	17:00	Students' Project Presentations	Jens Oluf Jensen (DTU) & Josef Mertens
P.11	19:00	Farewell session	Robert Steinberger-Wilckens (U Bham)
	20:30	farewell dinner	