



@ DTU Energy



Time **Wednesday, 12 June** (Building 310, 4th floor)

17:00 - 20:00	Welcome reception at DTU energy - with lab-tour
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Time **Thursday, 13 June** (Building 101, meeting room 1, 1st floor)

09:00	Welcome (Jens Oluf Jensen, DTU Energy)	
	Chair: Jens Oluf Jensen	
09:10	1 Lars N. Cleemann <i>Blue World Technologies</i>	Blue World Technologies HT-PEM fuel cells. Applications, performance and durability
09:40	2 Jörg Belack <i>BASF</i>	BASF Celtec® HT-PEM technology – Progress in Celtec®-Z membrane development and products for alternative applications
10:10	3 Vladimir Atanasov <i>University of Stuttgart</i>	Recent advances in HT-PEMFC at University of Stuttgart
10:30	Coffee	
	Chair: Dirk Henkensmeier	
11:00	4 Yi Cheng (online) <i>Central South University</i>	Construction of key catalysts for high temperature polymer electrolyte membrane fuel cells
11:30	5 Christian Rodenbücher <i>F. Z. Jülich</i>	High-temperature polymer electrolyte fuel cells based on protic ionic liquids
11:50	6 Fan Zhou <i>Aalborg University</i>	Research on HT-PEM fuel cells in Aalborg University: From cell characteristics to system applications
12:10 – 13:10	Lunch (buffet in cantina ground floor)	





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Chair: Qingfeng Li		
13:10	7	Victor Belousov (online) <i>ZeroAvia</i> Advancing HT PEM fuel cell for the aviation industry
13:40	8	Klaus-Dieter Kreuer <i>Hahn-Schickard - Max Plank Institute</i> Renewed attempts towards high-temperature PEM Fuel Cells. The science behind
14:10	9	Joannis Kallitsis <i>University of Patras</i> Bilayer polymer electrolyte membranes with tuneable PA uptake for HT-PEM fuel cells
14:30	10	Sanser Celink <i>DTU Energy</i> CO Poisoning in high temperature polymer electrolyte membrane fuel cells operating with diluted hydrogen and low Pt loading
14:50	Coffee	
Chair: Lars N. Cleemann		
15:20	11	Volker Harbusch <i>SIQENS</i> HT-PEM stacks for power generation and hydrogen separation
15:50	12	Wen Yang <i>F. Z. Jülich</i> Solid-state proton conductors achieved through the encapsulation of ionic liquids within the metal-organic framework ZIF-8
16:10	13	Lisa Maria Seidl <i>DTU Energy</i> Solid-state chemical method for scalable synthesis of well-dispersed supported Pt particles for ORR catalysis
16:30 – 16:50	14	Yang Hu <i>DTU Energy</i> Catalyst evaluation under HT-PEMFC conditions
19:00 – 22:00	Dinner (Fortunen)	



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Sponsor:



Time

Friday, 14 June

(Building 101, meeting room 1, 1st floor)

09:00	Welcome		
	Chair: Peter Wagner		
09:10	15	Yan Xiang (online) <i>Beijing Heracles Novel Technology Co</i>	R & D and industrialization of high-Temperature PEM fuel cell
09:40	16	Søren Juhl Andreasen <i>Advent</i>	High temperature PEM fuel cell generators for temporary power and construction yards
10:10	17	Dirk Henkensmeier <i>KIST</i>	Sulfonated para-PBI: Application in HT PEMFC and AEMWE
10:30	18	Martin Prokop <i>University of Chemistry and Technology, Prague</i>	Performance of intermetallic PtCo catalysts in HT-PEMFC
10:50	Coffee		
	Chair: Dana Schonvogel		
11:20	19	Jingshuai Yang <i>Northeastern University</i>	Synthesis of new polymers for HT-PEMFCs
11:50	20	Amado A. Velázquez Palenzuela <i>DTU Energy</i>	The unexpected low thermal stability of Pt _x Nd/C electrocatalysts towards oxygen reduction reaction
12:10	21	Qingfeng Li <i>DTU Energy</i>	Mobility of phosphoric acid in PBI cells
12:30 – 13:30	Lunch (sandwich in the room)		