

Surfcat Summer School 2018

Program SurfCat Summer School 2018

Time	Sunday August 5	Time	Monday August 6	Tuesday August 7	Wednesday August 8	Thursday August 9	Friday August 10
		7.00-8.30	Breakfast	Breakfast	Breakfast	Breakfast	Breakfast
		8.30-9.15	Industry Christian Reller	Fundamentals/state of Battery research William Chueh	Towards a theory of heterogenous catalysis Jens Nørskov	Electrocatalysis Yang Shao-Horn	Chemical dynamics of heterogeneous catalysts Robert Schlögl
		9.15-9.45	Break	Break	Break	Break	Break
		9.45-10.30	Vibrational spectroscopy in energy related catalysis and electrocatalysis Jörg Libuda	In-situ and operando spectroscopic tools Miquel Salmeron	Electrocatalysis EunAe Cho	DFT methods Nicola Marzari	Villum: OER and ORR Tejs Vegge and Jan Rossmeisl
		10.30-11.00	Break	Break	Break	Break	Break
		11.00-11.45	Fundamentals/state of PEC Todd Deutsch	HPNow / SpectroInlets Rasmus Frydendal / Daniel B. Trimarco	PEC and photocatalytic routes to solar fuels Roel van de Krol	PEC and water electrolysis Laurie King	Villum: Electrochemical NH ₃ Matteo Cargnello
		11.45-13.15	Lunch	Lunch	Lunch	Lunch	Closing remarks & Lunch
		13.15-14.00	Photocatalysis Yogesh Surendranath	STM/AFM Jeppe Vang Lauritsen	Outing and dinner	Exsolution John T.S Irvine	Villum meeting
14.00-15.15	Arrival and registration	14.00-14.30	Break	Break		Break	
		14.30-15.15	Synthesis of heterogeneous catalysts Raffaella Buonsanti	Computational tools in electrocatalysis Karen Chan		Research efforts in JCAP Chris Hahn	
15.15-15.45	Coffee, fruit, cake	15.15-15.45	Break	Break		Break	
15.45-16.15	Welcome Ib Chorkendorff / Jakob Kibsgaard	15.45-16.30	Synchrotron techniques Simon Bare	Electrocatalytic and photocatalytic routes to solar fuels Wilson Smith		Villum: Electrochemical and thermal CO ₂ Red. Brian Seger and Jakob M. Christensen	
16.15-17.00	General energy Peter Vesborg	16.30-17.00	Break	Break		Break	
17.00-17.45	The role and perspectives of electrofuels in the future renewable energy system? Henrik Wenzel	17.00-17.45	Speed presentations	Speed presentations		Speed presentations	
18.30 - 20.00	Dinner	18.30 - 20.00	Dinner	Dinner		Dinner	
20.00-21.30	Social activity	20.00-21.30	Poster session I	Poster session II		Poster session III	