

German-Korean Research Workshop | October 22, 2018 | Halle (Saale)

	TOPIC	TITLE	AUTHORS
10:00-10:15		Welcome Addresses	Ralf Wehrspohn, Director Fraunhofer IMWS Ralph Gottschalg, Director Fraunhofer CSP Ministry of Economy, Saxony-Anhalt Chinho Park / Representative, Korea
10:15-10:30	KETEP Project 1	Development of Low-cost Silicon Membrane (10-mm-thin) Solar Cells – Current Project Status @Fraunhofer CSP	Jens Hirsch, Dominik Lausch / Fraunhofer CSP
10:30-10:45	KETEP Project 2	Development of Low-Cost Silicon Membrane (10-mm-Thin) Solar Cells – Current Project Status @Hanyang University	Jung-Ho Lee / Hanyang University
10:45-11:00	Smart Membranes	Tailored Macroporous Silicon Membranes - Smart Wafering & Cell Concepts	Benjamin Gesemann, Ralf Wehrspohn / Fraunhofer IMWS
11:00-11:15	KETEP Project	Spalling of Porous Si For Solar Applications	BY Yoo / Hanyang University
11:30-11:45	EWM El-Mechanical	Discharge Wire Machining	Jens Hirsch, Dominik Lausch / Fraunhofer CSP
11:45-12:00	KETEP Project	Novel Field-Effect Passivation for Nanostructured Si Solar Cells Using Interfacial Sulfur Incorporation	TJ Park / Hanyang University
12:00-12:15	PV Extreme	Research for New Encapsulant Materials for PV Modules in Extreme Climates – overview of project results	Ulli Zeller / Fraunhofer CSP
12:15-13:15	LUNCH BREAK		
13:15-13:30	Bifacial Project 1	Electrical Characterization of Bifacial Cells and Modules Based on LED Sun Simulators	ChristianHagendorf / Fraunhofer CSP
13:30-13:45	Bifacial Project 1	Electrical Characterization of Bifacial Cells	tbd / Wavelabs
13:45-14:00	Bifacial Project 2	BiFi PV System Energy Yield Prediction Software Development	Soo-Young Oh / Yeungnam University
14:15-14:30	Bifacial Project 3	Development of Characterization Techniques and Applications of Bifacial Solar Cells and Modules	Sebastian Dittmann / Anhalt University of Applied Sciences
14:30-14:45	Bifacial Project 4	Field Test of Bifacial Si Modules with Various Albedo Conditions	Woo Kyoung Kim / Yeungnam University
14:45-15:00		Wrap-up Conclusion & Next Agenda	Ralf Wehrspohn & Jung-Ho Lee