



Program SolarFOREST¹ 2026

February 2026

Sunday, 1.3.2026

	ab 16:00			Shuttle from railway station Altglashütten/Falkau (please register)
	18:00			Dinner and „Welcome Reception“ :-)

Monday, 2.3.2026 (Morning)

	8:15 – 9:00			Breakfast
Fabrication methods for perovskite layers	9:00 – 9:25	Theresa Kühle	<i>KIT, Karlsruhe</i>	Inkjet-printed perovskite PV
	9:25 – 9:50	Roland Clausing	<i>ISFH, Hameln</i>	Perovskite layers prepared by chemical vapour deposition
	9:50 – 10:15	Mohamed Mahmoud	<i>Fraunhofer ISE, Freiburg</i>	Sequentially Evaporated Perovskite Film Growth for Tandem Application
	10:15 – 10:35			Coffee break
Surface passivation	10:35 – 11:00	Johannes Löhr	<i>ISFH</i>	Surface passivation of metal-halide perovskite solar cells
	11:00 – 11:25	Jann Landgraf	<i>Fraunhofer ISE</i>	Improving the quality of perovskite/charge transport layer interfaces
	11:25 – 11:50	Leo Simeonov	<i>TU Eindhoven, Netherlands</i>	Electron Selective ZnO:Al Passivating Contacts enabled by (spatial) ALD: From Fundamentals to Applications

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Monday, 2.3.2026 (Afternoon)

	12:00 – 13:00			Lunch
Robotic fabrication and optimization	14:00 – 14:25	Timur Agkatsev	<i>HZB, Berlin</i>	Passivation Materials for NBG PSC using an Automatic Spin Coating Platform (SpinBot)
	14:25 – 14:50	Daniel Baumann	<i>KIT, Karlsruhe</i>	Fully Automated Robotic Spin Coating and Quenching for Repeatable Perovskite Solar Cells
	14:50 – 15:50			Special coffee break
Silicon devices	15:50 – 16:15	Thibault Schaller	<i>EPFL, Switzerland</i>	Gallium-emitter development for lean TOPCon c-Si solar cells based on plasma-deposited Ga diffusion source
	16:15 – 16:40	Anna Damm	<i>Fraunhofer ISE, Freiburg</i>	Silicon bottom cells and interlayers for perovskite silicon tandem cells
	16:40 – 17:05	Sebastian Veerman	<i>isc, Konstanz</i>	TOPCon bottom cell development for 2T Si/perovskite tandem solar cells
	17:05 – 17:30	Ezgi Genc	<i>HZB, Berlin</i>	Improvement of SHJ bottom cells in PK/Si tandem solar cells
	18:00 – 19:00			Dinner
	20:00 – 20:45	Lars Korte	<i>HZB, Berlin</i>	Photoelectron spectroscopy on PV materials: How does it work, what can we learn?

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Tuesday, 3.3.2026

	8:15 – 9:00			Breakfast
Perovskite silicon tandem solar cells	9:00 – 9:25	Christian Schwarz	<i>Fraunhofer ISE, Freiburg</i>	Comparison of different SAM layers for perovskite/silicon tandem solar cells
	9:25 – 9:50	Jannik Kleesiek	<i>HZB, Berlin</i>	The role of Hydrogen on the ITO/Ag contact resistance for low-temperature screen-printing metallization of Pero/Si tandems and the aging-induced silver accumulation in the ETL/TCO interface
	9:50 – 10:15	Paria Forozi	<i>Uni Potsdam</i>	Light On, Light Off: Quantification of Ion-induced Degradation and Healing in Perovskite Solar Cells
	10:15 – 10:40			Coffee break
Characterization	10:40 – 11:05	Samantha Stanton	<i>ISFH, Hameln</i>	Challenges in optimising perovskite solar cells with large bandgaps (~1.85 eV)
	11:05 – 11:30	Lukas Rodda	<i>ipv, Stuttgart</i>	Nanoscale characterization of perovskites
	11:30 – 11:55	Sebastian Denke	<i>ISFH, Hameln</i>	Measurement of spectral responsivity of tandem solar cells
	12:00 – 13:00			Lunch
	14:00 – 17:30			Hiking or „sightseeing“ tour
	18:00 – 19:00			Dinner

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Wednesday, 4.3.2026

	8:15 – 9:15			Breakfast und preparation of luggage
Degradation of silicon solar cells & PV production	9:15 – 9:40	Joshua Kamphues	<i>Uni Konstanz</i>	LeTID kinetics in n-type silicon
	9:40 – 10:05	Daniel Beck	<i>ISFH, Hameln</i>	Degradation study on poly-Si-on-oxide-passivated n-type Cz-Si wafers
	10:05 – 10:30	Peter Brailovsky	<i>Fraunhofer ISE, Freiburg</i>	Water and wastewater streams in TOPCon solar cell production
	10:30 – 11:00			Coffee break
Instabilities in perovskite solar cells	11:00 – 11:25	Jarla Thiesbrummel	<i>Uni Potsdam</i>	Understanding and controlling ion migration in metal halide perovskites
	11:25 – 11:50	Jonathan Adamu	<i>ipv, Stuttgart</i>	Hybrid Passivation Strategies for High-Performance Perovskite Solar Cells- Understanding Charge Carrier Dynamics and Interfacial Stability
	12:00 – 13:00			Lunch
				Departure

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