

# Program

Monday 26<sup>th</sup> May



DAY 1: Monday 26th May				
Session	Timing	Duration (min)	Speaker / Institution	Title
Registration - Welcome coffee	8:30 - 9:15			
Opening	9:15 - 9:25		Florence Lambert / Director CEA-LITEN	Welcome to 2nd edition of bifiPV workshop at Chambéry / INES
General introduction	9:30 - 10:00		Radovan Kopecek / ISC Konstanz	Bifacial world - monofacial modules: why do we compromise the system power?
<b>SESSION 1: Market Potential</b>	<b>10:00 - 11:30</b>	<b>CHAIRS: T. SCHLESS + D. HESLINGA</b>		
		20	Ton Schless / SIBCO	Market potential for new technologies and the need for standardization
		15	Fatima Toor / LUX Research	\$1/W system price: how bifacial modules will beat the needed efficiency and cost targets
		15	Felix Holz / DEUTSCHE BANK	Financing of PV systems
		15	Patrick Dupeyrat / EDF	Market opportunities and requirements for the deployment of bifacial PV
		15	Dirk Habermann / MEYER BURGER	HJT Cost structure and market potential
Discussion	11:30 - 12:00			
Lunch break	12:00 - 13:30			
<b>SESSION 2: Cell</b>	<b>13:30 - 15:00</b>	<b>CHAIRS: H. NUSSBAUMER + P-J. RIBEYRON</b>		
		20	Yannick Veschetti / CEA-INES	Bifacial cells - Existing technologies and requirements
		15	Andreas Teppe/ RCT	Multi-PERCT: From monofacial pilot production to 18% bifacial
		15	Naftali Eisenberg / bsolar	High efficiency industrial p-type bifacial cell and field results
		15	Po-Tsung Hsieh / MOTECH	Performance of bifacial module with nPERT cells
		15	Valentin Mihailetchi/ ISC	ZEBRA: bifacial IBC technology
Coffee break	15:00 - 15:30			
<b>SESSION 3: Module</b>	<b>15:30 - 17:00</b>	<b>CHAIRS: G. REDDEMANN + A. SCHNEIDER</b>		
		20	Gregor Reddemann / Si-MODULE	Challenges for solar modules makers to process bifacial solar modules
		15	Frédéric Madon / APOLLON SOLAR	NICE-bifacial module technology
		15	Nicoletta Ferretti / PI BERLIN	Power measurement of bifacial modules – relevant for energy yield and application
		15	Maryline Joanny / CEA-INES	Cell interconnection challenges for bifacial modules
		15	Bernd Koll / KURAKAY	bifacial BIPV: challenges for glass and encapsulation
Discussion	17:00 - 17:30		Round table	Cell & module technologies
Dinner	19:30			



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## DAY 2: Tuesday 27th May

Session	Timing	Duration (min)	Speaker / Institution	Title
<b>SESSION 4: Systems</b>				
	8:30 - 10:15	CHAIRS: F. TRAVERSO + K. PETER		
		20	Franco Traverso / SilFab	Advantages of bifacial systems
		15	Singji Goda / PVGS	Experience from bifacial PV installations of Mega Solar using EarthON technology
		15	Ufuk Yusufoglu / IHT Aachen	Modelling and simulation of annual energy yields in the case of bifacial PV modules at different climate zones
		15	Eric Gerritsen / CEA-INES	Vertical Potential of bifacial modules
		15	Bas van Aken / ECN	Field measurements under different conditions, and relate these data to STC measurements
		15	Hartmut Nussbaumer / WINTHERTHUR University	New opportunities of grid integration by the use of bifacial modules
Coffee break	10:15 - 10:30			
<b>SESSION 5: Standardisation</b>				
	10:30 - 12:00	CHAIRS: A. METZ + R. KOPECEK		
		20	Axel Metz / H.A.L.M.	Need for standardization of bifacial measurements
		15	Rene Dupont / TÜV Rheinland	IEC qualification testing of bifacial PV modules - Test conditions and test requirements
		15	Vahid Fakhfour / PASAN	Challenges and solutions for the characterization of bifacial PV modules and cells
		15	Jai Prakash Singh / National University of Singapore	Characterization of bifacial solar cells and modules for bifacial illumination using standard indoor measurements
		25	Standardisation group	
Discussion	12:15 - 12:45	General conclusion		
Lunch break	12:45 - 14:15			
Visit of INES	14:15 - 16:15	Bus departure at 14:15		

