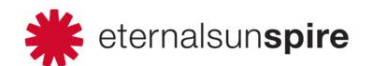


Figure 1.5 Bifacial comic explaining the change of mind of the PV industry [13]

1.3 GW HSAT bifacial PERC PV system in Karapınar



bifiPV workshops series from 2012



How to bring bifacial PV into the market?

Technology (wafer, cell, module, system)

Testing and standards

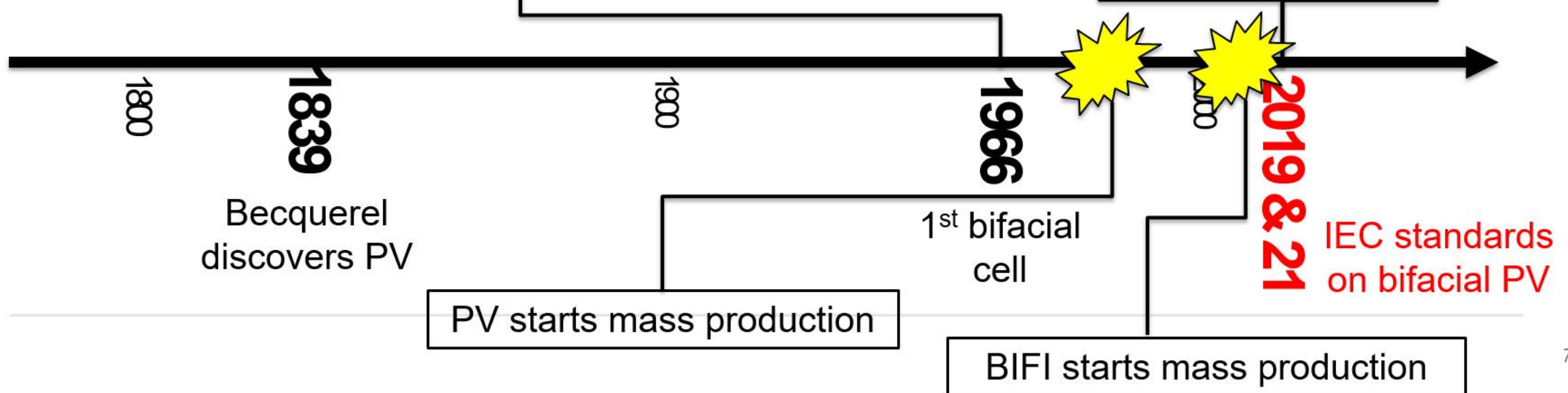
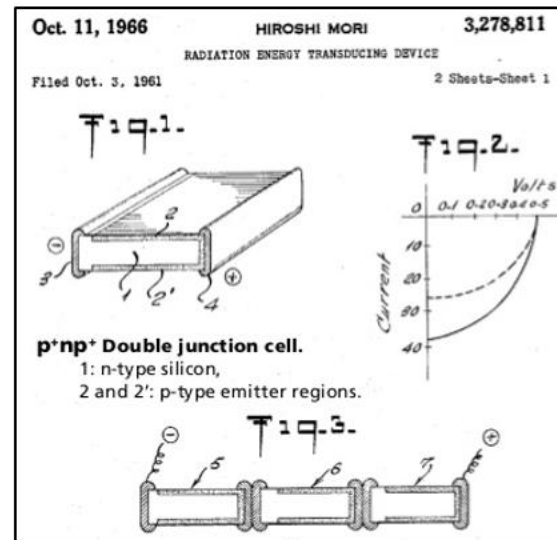
Energy yield simulations

>>>> Bankability



Standardization

A long journey



Friday's Program April 1



Time	Talk #	Title	Presenter
		Opening	
8:30		Summary of bifiPV day 1 and outlook on bifiPV day 2	Radovan Kopecek (ISC Konstanz) Chairs: Joris Libal (ISC Konstanz) & Arthur Weeber (TNO Energy Transition)
		Overview, Bifacial Modules and Systems	
8:40	F-1	bifiPV2022: Technology, Application and Economy	Radovan Kopecek (ISC Konstanz)
9:00	F-2	Bifacial Module Tiger Neo Pro	Xinyu Zhang (Zhejiang Jinko Solar Co. Ltd)
9:20	F-3	Advanced Tracking	Francisco Javier Torrano (Soltec Energías Renovables S.L.U.)
9:40	F-4	Bifacial AgriPV: The Technology for Fast Energy Transition in EU	Constantin Klyk (ISC Konstanz)
10:00	coffee break	coffee break	
		Bifacial Systems and Energy Yield Simulation	Chairs: Radovan Kopecek (ISC Konstanz) & Markus Klenk (ZHAW)

10:30	G-5	Integrating 3D PV Design and Yield Simulation: Challenges and Opportunities	Imre Horváth (PVCASE)
10:50	G-6	Bifacial Vertical PV System for Flat Roofs	Lars Podlowski (Solyco Technology GmbH)
11:10	G-7	1.3GW Bifacial PERC HSAT System in Kapynar	Firat Es (Middle East Technical University)
11:30	G-8	Vertical Bifacial PV for Noise Blocking Applications	Minne de Jong (TNO Energy Transition)
11:50	G-9	Energy Yield Measurements and SAM Simulations	Silvana Ovatt (NREL)
12:10	lunch break	lunch break	
		New Devices, Standards, Measurements	Chairs: Lars Podlowski (Solyko) & Firat Es (Kalyon PV)
13:00	H-10	Bifacial Tandem Solar Cell with High Efficiency Si p-PERT Sub-cell	Lev Kreinin (SolAronD)
13:20	H-11	Industrial Bifacial Measurements	Britta Mette (Wavelabs)
13:40	H-12	Bifacial Measurements and Testing	Pepijn Veling (Eternalsun Spire)
14:00	H-13	Standards, Qualification and Testing	Jörg Althaus (TÜV Rheinland)
14:20	H-14	Outdoor Testing	Jenya Meydbray (PVEL)
14:40	coffee break	coffee break	
		Panel discussion	Chairs: Itai Suez (Silfab) & Radovan Kopecek (ISC Konstanz)
15:00		Future of Bifacial Technology: Opportunities and Challenges	NREL, PVEL, Jinko, Wavelabs, EternalSun, Kalyon, Soltec
		Closure of bifiPV workshop	
16:00		Closure	Radovan Kopecek (ISC Konstanz)
		Next bifiPV workshop 2022	Firat Es (Kalyon)



© ISC Konstanz e.V. opening bifiPV2022

**1TW PARTY TODAY FROM
7pm AT ISC KONSTANZ!**

More information: www.isc-konstanz.de

Have fun!