

IW-CIGSTech 9 – Workshop Program

18th June 2018 @ ZSW, Meitnerstr. 1, 70563 Stuttgart, Germany

19th June 2018: Field trip to CIGS Line of NICE Solar Energy GmbH
(formerly Manz CIGS Technology GmbH) in Schwäbisch Hall.

Time	Title/subject	Presented by
09:00	Registration / Coffee / Putting up of Posters	
Introduction		
09:30	Welcome remarks	Prof. Dr. Rutger Schlatmann, HZB (GER) Prof. Dr. Michael Powalla, ZSW (GER)
CIGS Module Manufacturing		
10:00	Solar Frontier: Past, Present and Future	Dr. Tetsuya Aramoto, Solar Frontier (JPN)
10:20	Update of Solibro's Technology	Olle Lundberg, Solibro (SWE)
10:40	Development progress of functional layers and their interaction in the AVANCIS CIGS _{Se} cell stack	Dr. Thomas Dalibor, Avancis (GER)
11:00 Coffee Break		
Flexible CIGS Solar Cells and Modules		
11:30	MiaSolé Hi-Tech R&D progress update	Dmitry Poplavskyy, Miasolé HighTech (USA)
11:50	Monolithically connected flexible solar modules	Ulfert Rühle, Flisom (SUI)
12:10	Highly efficient CIGS thin film solar cells on flexible polyimide substrate: current status in Korea and our future challenges	Dr. Jae Ho Yun, Korea Institute of Energy Research KIER (KOR)
12:30	Update of CIGS Development	Andreas Zimmermann, Sunplugged (AUT)
12:50 Light Lunch / Poster Session		
CIGS Manufacturing Perspectives		
14:00	Production Tools and Process Development for Large Scale CIGS Manufacturing	Dr. Dionysios Kolovos-Vellianitis, Manz AG (GER) Dr. Joachim Müller, Nice Solar Energy GmbH (GER)
14:20	Thin and light-weight CIGS	Eric Jaremalm, Midsummer (SWE)
14:40	Equipment challenges and solutions for CIGS mass production	Dr. Simon Hübner, Singulus (GER)
15:00 Coffee Break		
New Results of Materials Characterization		
15:30	Progress and Challenges of CIGS Consortium Japan	Dr. Shigeru Niki, AIST (JPN)
15:50	Characterization of Alkali Metal Effects in CIGS	Harvey Guthrey, NREL (USA)
16:10	Wide range characterization of low temperature coevaporated CIGS films for high efficiency devices on polyimide substrates: what is specific to low temperature and alkali PDT processing?	Matteo Balestrieri, IPVF (FRA)
16:30	R&D for advancements in science and technology of CIGS (EU-Sharc25 project)	Dr. Wolfram Witte, ZSW (GER)
Joint Activities for Commercialisation and Marketing (White Paper)		
17:00	Discussion of White Paper for CIGS Thin-Film Solar Cell Technology	Chaired by professional journalist
18:30 Networking Event		
19th June 2018: Field trip to CIGS Line of NICE Solar Energy GmbH		
9:00	Departure at ZSW	
10:45	Fab Tour and Snack	
14:30	Return at station Stuttgart-Vaihingen	