cSiMATPV Workhsop, May 16-17 2024, Konstanz

Day 1 - Thursday, 16 May 2024

Time	Session
8:30 - 9:00	Registrarion and Coffee
09:00 - 10:30	**S1. OPENING AND STATUS**
09:00 - 09:15	Radovan Kopecek (ISC K): Opening, structure and goals of workshop
09:15 - 09:30	Jochen Rentsch (FhG ISE): Status of PV production in EU
09:30 - 9:45	Anett Ludwig (SPE) ESIA: Current state of funding and planning in the EU
09:45 - 10:00	Delfina Munoz (CEA INES): ETIP: PV R&D on EU level
10:00-10:30	**Panel: CURRENT STATUS OF PV IN EU**
10:30 - 11:00	Break
11:00 - 12:30	**S2. WHAT´S NEXT?**
11:00 - 11:15	Wolfgang Jooss (RCT Solutions): LIBERTAS and PV PILOT
11:15 - 11:30	Gaetan Masson (Becquerel): How low price must a module be?
11:30 - 11:45	Alexander Rohlf (BSW): What is being dicussed in Berlin?
11:45 - 12:30	**Panel: WHAT DO WE NEED?**
12:30-13:30	LUNCH
13:30 - 14:45	**S3. Si-MATERIAL, INGOT AND WAFER**
13:30 - 13:45	Johannes Bernreuter (Bernreuter Research): Status and forecast of poly-Si production
13:45 - 14:00	Anis Jouini (ECM): Plans at ECM for crystallisation tech
14:00 - 14:15	Jörg Achenbach (PVA Tepla): Plans at PVA Tepla for Cz-Si development
14:15 - 14:30	Hendrik Schön (Norsun): How to run an ingot/wafer company outside of China
14:30 - 14:45	**Panel: SUMMARY OF TECHNICAL CHALLENGES**
14:45 - 15:00	Break
15:00 - 16:15	**S4. HOW CAN WE PROCEED?**
15:00 - 15:15	Nicole Qian (JSG): The Application of Data Science and Artificial Intelligence in Photovoltaic Intelligent Manufacturing
15:15 - 15:30	Ugur Kaya (RCT Solutions): Ingot and wafer production support in EU and Asia
15:30 - 16:00	**Working Session moderated by Peter Fath and Anis Jouni** **HOW TO BRING CRYSTALLISATION TECH TO EU**
16:00 - 16:15	Break
16:15 - 17:30	**S5. WAFERING, CLEANING, Si-RECYCLING AND NEW TECH**
16:15 - 16:30	Frank Zobel (FhG CSP): Overview of state of the art and innovations
16:30 - 16:45	Damian Brunner (RENA): Cleaning processes in wafering
16:45 - 17:00	Franz Hefti (Lapmaster Wolters): New generation sawing equipment
17:15 - 17:30	Herbert Sommer (Alztec): Recycling of Si material
17:30 - 17:45	Wolfgang Herbst (Viridis IQ):): Silicon recycling opportunities in integrated PV manufacturing: The mg-Si route
17:45 - 18:30	**Panel: WHERE DO WE GO?**
19:30-23:00	**DINNER IN KONZIL**

Day 2 - Friday, 17 May 2024

Time	Session
8:30 - 9:00	Registrarion and Coffee
09:00 - 10:30	**S6.. SUMMARY OF DAY 1 AND INTERNATIONAL PV PRODUCTION PROJECTS**
09:00 - 09:15	Radovan Kopecek (ISC K): What is happening in PV production world wide?
09:15 - 09:30	Badr Ikken (Gi3): PV production in Africa and GW TOPCon cell and module in Morocco
09:30 - 9:45	Claudia Zuluaga (future us 50/50): PV production in LATAM and case in Columbia
09:45 - 10:00	Julius Denafas (Solitek): GW production for "niche market"
10:00-10:30	**Panel: Do we need mainstream technology for setting up GW PV production?**
10:30 - 11:00	Break
11:00 - 13:00	**S7. SUSTAINABLE 40GW-100GW PV PRODUCTION IN EU**
11:00 - 11:05	Ralf Preu (FhG ISE): Impuls presentation
11:05 - 11:20	Rolf Schmitz (XX): German ingot-wafer pilot production
11:20 - 11:35	Elise Bruhat (HOLOSOLIS): GW production in France
11:35 - 11:50	Hamed Hanifi (AE Solar): GW production in China and EU
11:50 - 13:00	**Panel: What is our vision for PV production for 2030 in EU?** + CARBON (Raffaella Giardino) / Wattkraft (Jan Matusik)/ Enpal (Christoph Sekura)
13:00-14:00	LUNCH
14:00 - 15:00	**S8.PRESENTATION OF FRANZ ALT**

On Friday, May 17, 2024, Franz Alt will speak in Konstanz at the Konzil at 2 p.m. on the topic "The sun won't send us a bill – new energy, new work, new mobility".

Franz Alt (© Chris Alt)

Franz Alt has been a television journalist and author for many years. His books have reached a circulation of over 3.5 million and have been translated into 23 languages. Franz Alt, the son of a coal merchant and a long-time advocate of nuclear energy, has been campaigning for the solar age and a solar world economy since Chernobyl. Global warming can only be stopped with 100 percent renewable energies.

The lecture is free of charge and is part of several ISC events. Registration is requested, the easiest way is online here.

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