

Sharc25 Workshop, October 29, 2018 at Empa in Dübendorf



- 8:45** *Reception*
- 09:00 **Ayodhya N. Tiwari** (Empa, Switzerland)
Welcome
- 09:10 **Wolfram Witte** (ZSW, Germany)
Sharc25 project overview (including results from Aalto, INL, Rouen, IMEC)
- 09:30 **Marcus Bär** (HZB, Berlin)
Chemical and electrical properties of CIGS surface and CIGS/buffer interface: What is fact and where do we still have questions/doubts
- 10:00 **Enrico Avancini & Johannes Löckinger** (Empa, Switzerland)
What we learned about absorber and buffer layers in the project
- 10:30 *Coffee break*
- 11:00 **Max H. Wolter** (University of Luxembourg, Luxembourg) **and Thomas Weiss** (Empa, Switzerland)
What can we learn from absolute PL and time resolved PL
- 11:30 **Giovanna Sozzi and Roberto Menozzi** (University of Parma, Italy)
2D/3D device simulations of CIGS solar cells
- 12:00 **Dimitrios Hariskos and Philip Jackson** (ZSW, Germany)
Preparation aspects, achieved device efficiencies and efficiencies that are in reach with the findings from the Sharc25 project
- 12:30 *Lunch break (Posters)*
- 14:00 **Alejandro Pérez-Rodríguez** (IREC, Spain) - Invited
Advanced in-line process monitoring
- 14:30 *Tutorial*
Susanne Siebentritt (University of Luxembourg, Luxembourg)
How advanced characterization tools and methods can be utilized in industry
- 15:20 *Coffee break*
- 15:50 **Industrial perspectives** (Manz, Flisom both together 20 min)
- 16:10 **Discussion** moderated by Ayodhya N. Tiwari
How science can help industry for future technology progress
- 16:40 **Stephan Buecheler** (Empa, Switzerland)
Final remarks and conclusion
- 17:00 *End of workshop*

