

International workshop for young researchers on thin film compound semiconductor solar cells

[Detailed information \(in Japanese\)](#)

Date: November 28 (Fri.), 2014

Venue: Ryukoku University Avanti Kyoto Hall

(southern part of JR Kyoto station) <http://www.ryukoku.ac.jp/ryudaihall/access/>

Organized by

Professional Group of "Multinary Compounds and Solar Cells" in

The Japan Society of Applied Physics

Co-organized by

Ryukoku University, Innovative Materials and Processing Research Center

Registration (On-Site)

Member of Professional Group of "Multinary Compounds and Solar Cells" : **free**

Non-member: **3,000 JPY** (annual membership fee)

Student (showing student identification card): **free**

Keynote lecture : Hans-Werner Schock (Helmholtz-Zentrum Berlin, Germany)

Invited speakers and title (tentative) of the presentation

- **Shiro Nishiwaki (EMPA, Switzerland)**
"Preparation of high quality CIGS absorber layer by thermal co-evaporation"
- **Paul Pistor (Martin-Luther-University, Germany)**
"Co-evaporating compound solar cell absorbers: growth and characterization"
- **Shogo Ishizuka (AIST, Japan)**
"Alkali effects and interface study on CuGaSe₂ thin-films and solar cells"
- **Shin Tajima (Toyota Central R&D Labs, Japan)**
"Process and analysis of CZTS photovoltaic cell with high conversion efficiency"
- **Hideaki Araki (Nagaoka National College of Technology, Japan)**
"Progress in thin film solar cells based on Cu₂SnS₃ and the related compounds, Cu₂GeS₃ and Cu₂SiS₃"
- **Eric Jaremalm (Midsummer, Sweden)**
"DUO & UNO: Midsummer's leading CIGS and CZTS manufacturing equipment by sputtering"

Discussion : moderator Akira Yamada (Tokyo Tech)

"Toward high efficiency CZTS solar cells"

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