

Seminar on High Efficiency CIGS solar cells

21 September 2013

Ryukoku University SEMINAR HOUSE TOMOIKISO

(龍谷大学 共生き荘)

38, Konoe-machi, Muromachi-dori, Kamigyoku, Kyoto 602-8019, JAPAN

Access • 5 minutes walk to Marutamachi station (Subway Karasuma Line)

• 20 minutes walk to Jingu-Marutamachi station (Keihan Line)

<http://www.ryukoku.ac.jp/tomoikiso/index.html> (in Japanese)

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

Tentative Program:

- 13:00 – 13:20 **Opening and introduction** T. Wada (Ryukoku University)
- 13:20 – 13:50 **High Efficiency CIGS Solar Cells fabricated by PVD**
Hajime Shibata (AIST)
- 13:50–14:20 **High Efficiency CIGS Concentrator Solar Cells**
Akira Yamada (Tokyo Institute of Technology)
- 14:20–14:50 **High Efficiency CIGS Solar modules fabricated by “Selenization Process”**
Hiroki Sugimoto (Showa Shell Sekiyu K.K., Japan & Solarfrontier)
- 14:50–15:20 Break
- 15:20-15:50 **First principles studies on Na and Cd in CIGS**
Tsuyoshi Maeda (Ryukoku University)
- 15:50 – 16:30 **Theoretical investigation of the origin of reduced efficiency in high Ga concentration CIGS**
Suhuai Wei (NREL)
- 16:30–16:55 **Discussion** Shigeru Niki (AIST)
- 16:55 – 17:00 Closing

Registration fee: free for member of Professional Group of "Multinary Compounds and Solar Cells" in The Japan Society of Applied Physics

参加費：多元系化合物・太陽電池研究会は無料（非会員は年間会費¥3,000）