

**●Title :** ISES Workshop on Photovoltaic vs. Concentrated Solar Power Technologies**Time and Date:** 3:40 - 5:40 on 30 June 2010**Place:** Room 303 on 3F, Pacifico Yokohama**Organizers:** Tokyo Institute of Technology, and  
RE2010 Organization Committee**Language:** English**●Outline :**

Both Photovoltaic (PV) power and Concentrated solar power (CSP) are expected to become major sources among renewable energies. Each power technology has its own advantages in application; PV is applicable to a small scale power generation and needs relatively low cost for initial investment, on the other hand, CSP is suitable for a large scale and stable power generation. In order to develop both technologies, we have to understand there is advantages as well as disadvantages, and look for matching with local demands on energy systems together with addressing consensus-building in the area. Such a process will lead to a best mix of the technologies at the lowest social cost for the local energy system. Leading specialists in the field of renewable energies will attend the workshop, and discuss on the roles of PV and CSP technologies toward creating a sustainable society.

**●Program :**

Chair by Takao KASHIWAGI, Professor, Solution Science Research Laboratory

**3:40-3:45**

Opening address (Takao KASHIWAGI)

**3:45-4:00**

Today and Tomorrow of PV

Kosuke KUROKAWA, Professor, Solution Science Research Laboratory

**4:00-4:15**

Today and Tomorrow of CSP

Yutaka TAMAURA, Professor, Solution Science Research Laboratory

**4:15-4:30**

Large Scale System of PV

Joachim Luther, CEO Solar Energy Research Institute of Singapore, Singapore

**4:30-4:45**

Large Scale System of CSP

**TBA****4:45-5:00 Break****5:00-5:35**

Panel Discussion - Comparison between PV and CSP in the field of Large Scale System

Kosuke KUROKAWA, Professor, Solution Science Research Laboratory

Yutaka TAMAURA, Professor, Solution Science Research Laboratory

Joachim Luther, CEO Solar Energy Research Institute of Singapore

**TBA****5:35-5:40**

Closing (Takao KASHIWAGI)

●**タイトル名** : 太陽光(PV)発電技術と太陽熱(CSP)発電技術に関するISESワークショップ

日時: 6月30日(水) 15時40分から17時40分

場所: パシフィコ横浜 3階 303室

主催: 東京工業大学、RE2010国際会議組織委員会

言語: 英語

●**開催趣意と概要**:

再生可能エネルギーとして、太陽光(PV)発電技術や太陽熱(CSP)発電技術は非常に期待されているが、PV分野の人はPVについて、CSP分野の人はCSPについて、それぞれの分野でその特徴を理解して更なる展開を行っているのが現状である。PVは初期投資が比較的小さい特長を生かした展開がなされているし、CSPは大規模投資を伴う大型発電施設での展開が図られている。今後は、PVとCSPの長所、短所を的確に理解して、地域のエネルギー・システムとの融合要求や利用形態に合わせ、地域の人との合意プロセスを経た技術のベストミックス、コストミニマムする産業システムへと発展する必要がある。今回のワークショップでは国内外の再生可能エネルギーの専門家をお招きして、持続性のある社会構築に向けたPVやCSPの今後の可能性についての大きい議論を行いたい。

●**プログラム** :

Chair by Takao KASHIWAGI, Professor, Solution Science Research Laboratory

**15:40-15:45**

Opening address (Takao KASHIWAGI)

**15:45-16:00**

Today and Tomorrow of PV

Kosuke KUROKAWA, Professor, Solution Science Research Laboratory

**16:00-16:15**

Today and Tomorrow of CSP

Yutaka TAMAURA, Professor, Solution Science Research Laboratory

**16:15-16:30**

Large Scale System of PV

Joachim Luther, CEO Solar Energy Research Institute of Singapore, Singapore

**16:30-16:45**

Large Scale System of CSP

**TBA**

**16:45-17:00 Break**

**17:00-17:35**

Panel Discussion - Comparison between PV and CSP in the field of Large Scale System

Kosuke KUROKAWA, Professor, Solution Science Research Laboratory

Yutaka TAMAURA, Professor, Solution Science Research Laboratory

Joachim Luther, CEO Solar Energy Research Institute of Singapore

**TBA**

**17:35-17:40**

Closing (Takao KASHIWAGI)