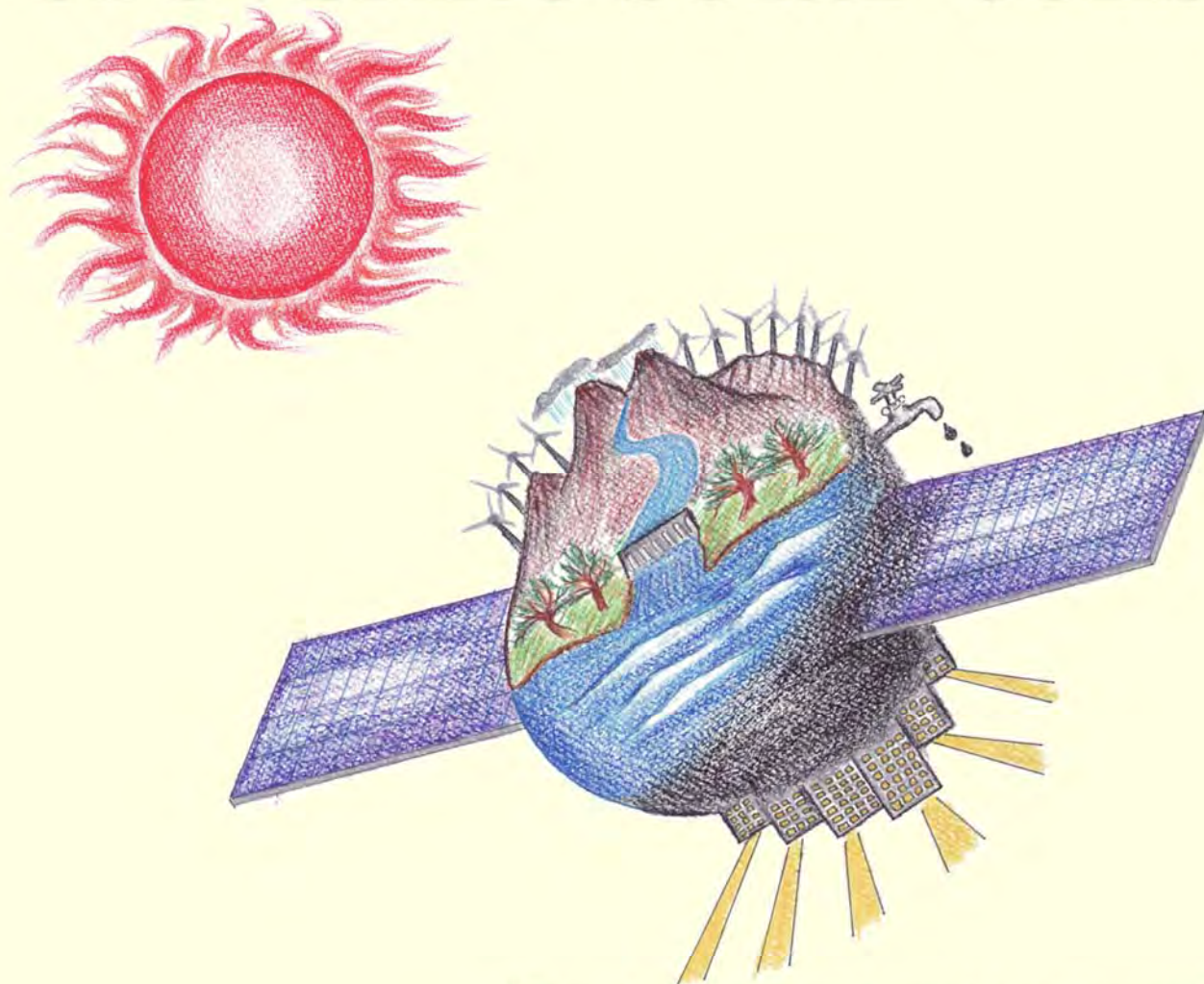


Photoenergy conversion systems and materials
for the next generation solar cells research area

“Perovskite solar cells”



※The image shows that solar energy is the source of all renewable energy on the earth and will supply the driving force to support the world instead of fossil fuels.
(by Dr.Koichi Okamoto : PRESTO Researcher)

Date & Time : 22nd Nov. 2014 from 09:00

Venue : Kyoto International Conference Center

<http://www.icckyo.or.jp/en/access/index.html>

Administration Fee : Free



Please register from the following homepage.

<http://www.jst.go.jp/presto/solar/>



Japan Science and Technology Agency

Program for PRESTO Session “Perovskite solar cells”



09:00~09:10

Opening Remarks

Research Supervisor

Shuzi Hayase (Kyushu Institute of Technology)



09:10~09:25

“Solution process for fabrication of perovskite-based solar cells: A X-ray crystallographic study”

Atsushi Wakamiya (Kyoto University)



09:25~09:40

“Time-resolved optical characterization of perovskite semiconductors for solar cell applications”

Yasuhiro Yamada (Kyoto University)



09:40~09:55

“Fabrication of organic-inorganic metal halide solar cells via gas phase reaction”

Hideaki Araki (Nagaoka National College of Technology)



09:55~10:10

“Photo-induced charge transfer dynamics at the interfaces of perovskite thin films”

Yasuhiro Tachibana (RMIT University)



10:10~10:40

Invited Lecture “Power from the sun : Perovskite solar cells”

Prof. Mohammad Khaja Nazeeruddin (ÉCOLE POLYTECHNIQUE FÉDÉRALE DE LAUSANNE)

10:40~10:55 Break



10:55~11:10

“Uncovering the detailed mechanism behind high efficiency perovskite hybrid solar cells by studying charge separation and recombination dynamics”

Qing Shen (The University of Electro-Communications)



11:10~11:25

“Observation of inhomogeneous deactivation process with UV excitation in submicron grains of lead iodide perovskite-based solar cell by means of femtosecond transient absorption microscopy”

Tetsuro Katayama (Osaka University)



11:25~11:40

“Electronic and energetic landscape of perovskite solar cell : A microwave conductivity study”

Akinori Saeki (Osaka University)

11:40~12:00 Free discussion



18:15~18:45 (After WCPEC-6 satellite meeting on OPV Session)

Invited Lecture “Size-dependent electric and photovoltaic properties of perovskite solar cell”

Prof. Nam-Gyu Park (Sungkyunkwan University)