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PVSEC-27 Organizing Committee

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Important Dates

Deadline for Abstract Submission: June 19, 2017

Deadline for Early Registration: September 15, 2017

Deadline for Submission of Jpn. J. Appl. Phys.(JJAP): November 17, 2017

Registration

Registration fees for PVSEC-27 are listed below. Additional payment is necessary for attending the tutorials and banquet. The registration form will be found at the PVSEC-27 website. We can accept major credit cards (VISA, MasterCard, etc).

Registration fees

	Early Bird Until September 15	After September 15 And On-Site
Regular	JPY 70,000	JPY 80,000
Student	JPY 25,000	JPY 30,000
Tutorial (Nov. 12)		JPY 5,000
Banquet (Nov. 15)		JPY 10,000

Tutorial

Tutorial A	Perovskite Solar Cells
	M. Ikegami (Toin Yokohama Univ.), O. Malinkiewicz (Saule Tech.)
Tutorial B	Si and III-V Solar Cells
	T. Takamoto (SHARP), J. Ermer (Spectrolab.)



PVSEC-27

27th International Photovoltaic Science and Engineering Conference

<http://pvsec-27.com>

Final Call For Papers



PVSEC-27

27th International Photovoltaic Science and Engineering Conference

Nov. 12-17, 2017

Lake Biwa Otsu Prince Hotel,
Shiga, Japan

General Chair: Takahiro Wada (Ryukoku University)
Program Chair: Akira Yamada (Tokyo Institute of Technology)

<http://pvsec-27.com>

Message from the General Chair

Dear colleagues of solar scientists and engineers,

The 27th International Photovoltaic Science and Engineering Conference ("PVSEC-27") will be held at Lake Biwa Otsu Prince Hotel, in Otsu Japan from 12 to 17 of November, 2017. On behalf of the Organizing Committee, I would like to formally invite you to participate in PVSEC-27, which will be the largest and most comprehensive PV conference in 2017 in the Asia-Pacific region.

PVSEC-27 will provide an excellent platform for the world's photovoltaic scientists and engineers to showcase and share the latest developments in solar PV technologies. The conference program encompasses the full range of PV topics, including fabrication, characterization and simulation of PV materials, cells, modules and systems, and their reliability. The Conference will feature oral and poster sessions and some special programs. The guest speakers are globally recognized experts in their respective fields.

Otsu which located in Shiga Prefecture is right in the center of Japan with easy access from Osaka and Tokyo. Shiga Prefecture is renowned for Biwako, Japan's largest lake. It offers the perfect chance to get closer to Japan's lush mountains and water resources. Biwako is easily accessible from Kansai International Airport and from Kyoto and Osaka. The Lake Biwa Otsu Prince Hotel is located on the shore of Lake Biwa.

The Convention Hall "Oumi" is one of the largest convention halls in Japan. This year PVSEC-27 will be held in the best season for sightseeing in Japan. We look forward to seeing you at the PVSEC-27.

Sincerely,

Takahiro Wada

PVSEC-27 General Chair



Three-Storied Pagoda, Saimyoji Temple (National treasure)

Conference subjects and keywords

Area

Crystalline and Thin Film Silicon PV

Area chair: Y. Ohshita

Vice chairs: N. Usami, A. Terakawa, D. Kim

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Keywords: low cost Cz and Fz, high-performance multi, advanced wire sawing, passivation, TCO, metallization, PERC&PERT, hetero-junction, IBC, carrier selective contact, Si-based tandem, device simulation

Invited speakers: K. Yamamoto (Kaneka)

Thin-Film Compound Semiconductor PV

Area chair: H. Shibata

Vice chairs: T. Minemoto, R. Scheer

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Keywords: CIGS, CZTS, CTS, CdTe, chalcopyrite, kesterite, chalcogenides, oxides

Invited speakers: M. Powalla (ZSW), A. N. Tiwari (Empa), T. Kato (Solar Frontier)

III-V Compound Semiconductor and Concentrator and Space PV Technologies

Area chair: T. Takamoto

Vice chairs: M. Imaizumi, F. Dimroth

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Keywords: III-V compounds, multijunction, GaAs, InGaP, space, concentrator PV

Invited speakers: F. Dimroth (Fraunhofer) J. Ermer (Spectrolab)

Organic and Dye-Sensitized Solar Cells

Area chair: M. Hiramoto

Vice chairs: Y. Yoshida, Alex K-Y. Jen

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Keywords: organic solar cells, DSC, exciton, blended junction, new organic semiconductor, long-term stability, non-fullerene, ternary blend

Invited speakers: H. Yan (HKUST), I. Osaka (Hiroshima Univ.)

Perovskite Solar Cells

Area chair: S. Hayase

Vice chairs: S. Dai, T. Kubo

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Keywords: perovskite, interface, grain boundary, hole transport material, electron blocking material, hole blocking material

Invited speakers: Nam-Gyu Park (Sungkyunkwan Univ.) H. Segawa (Univ. Tokyo)

Advanced Concepts and New Emerging Materials for Future PV

Area chair: Y. Okada

Vice chairs: K. Matsubara, J.-F. Guillemoles

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Keywords: quantum nanostructures, intermediate band, hot carrier, MEG, nanophotonics, up and down conversion, thermophotovoltaics

Invited speakers: H. Atwater (Caltech), N. Ekins-Daukes (Imperial College)

Area

Performance and Reliability of PV Modules

Area chair: Y. Hishikawa

Vice chairs: K. Morita, T. Sample

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Keywords: performance and reliability characterization of PV cells and modules, energy rating, technologies for certification and testing, field performance

Invited speakers: D. Kim (Korea Univ.), S. Winter (PTB)

PV Systems Including BOS Components

Area chair: Y. Ueda

Vice chairs: T. Oozeki, R. Hoeller

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Keywords: outdoor performance, O&M, safety and reliability, BIPV, PV for mobility, energy management system, forecasting and solar resource assessment

Invited speakers: M. Nakaoka (TOYOTA)

PV System Integration Including Smart Grid

Area chair: K. Ogimoto

Vice chairs: TBD

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Keywords: large scale grid integration, electricity market, ancillary service, smart grid/micro grid, power system balancing

Invited speakers: TBD

PV Deployment; Industry, Market and Policy

Area chair: H. Yamada

Vice chairs: I. Kaizuka, A. Jaeger-Waldau

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Keywords: PV deployment, industry, market, sustainability and environment, competitiveness of PV, economic analysis

Invited speakers: C. Breyer (LUT)

Language

The official language is English. All printed materials will appear in English.

Submission of Abstracts

Please submit one copy of the complete information by using the Online Submission Form in the User Area on <http://pvsec-27.com>.

