

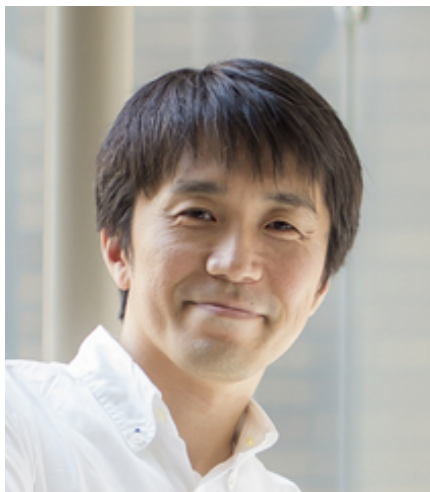
5th International Workshop on New Photon-Detectors

PD18

Nov. 27-29, 2018, The University of Tokyo, Tokyo, Japan



Welcome to PD18



Wataru Ootani and Masashi Yokoyama
on behalf of the PD18
Local Organizing Committee



1st workshop 2007, Kobe

International Workshop on new photon-detectors

PD07

June 27-29, 2007 @ Kobe University, JAPAN

Main Topics

- Geiger-mode multi-pixel photon device
- Hybrid-PMT
- APD
- MCP-PMT
- New type of photon-sensors
- Applications of photon-sensors to High Energy Physics, Nuclear Physics, Cosmic-Ray Physics, Astronomy, Cosmology and Medical Science



© photo by MARI (<http://kobe-mari.maxs.jp>)

International Programing Committee

H. Aihara (Tokyo), M. Danilov (ITEP), M. Demarteau (FNAL), B. Dolgoshein (MEPhi, Moscow), J. Haba (KEK), T. Iijima (Nagoya), K. Kawagoe (Kobe), Y. Kudenko (INR), M. Kuze (Tokyo Tech), T. Nakadaira (KEK), T. Nakaya (Kyoto), A. Para (FNAL), F. Retiere (TRIUMF), F. Sefkow (DESY), M. Shiozawa (ICRR), H. Shimizu (KEK), T. Takeshita (Shinshu), M. Teshima (Max-Planck), J. C. Vanel (LLR Ecole polytechnique)

Local Organizing Committee

K. Hara (Nagoya), T. Iijima (Nagoya), K. Kawagoe (Kobe), M. Kuze (Tokyo Tech), K. Miyabayashi (Nara-WU), T. Matsumura (NDA), T. Nakaya (Kyoto), M. Yokoyama (Kyoto)

Detector Technology Project, IPNS, KEK
Faculty of Science, Kobe University

Supported by JSPS Grant-in-Aid for Creative Scientific Research, "Research and Development of a Novel Detector System for the International Linear Collider", and MEXT Grant-in-Aid for Scientific Research on Priority Areas, "New Development of Flavor Physics"



2nd workshop 2009, Matsumoto

International Workshop on New Photon Detectors

PD09

June 24-26, 2009
Shinshu university JAPAN

<http://www-conf.kek.jp/PD09/>

Main Topics

The workshop focuses on recent development of new photon-sensors. Various types of new photon-sensors and the applications are covered, and Geiger-mode multi-pixel photon devices is one of the main targets this time.

Deadline of abstract submission: May 15, 2009

Photon-Sensors;

- Geiger-mode multi-pixel photon device, • Hybrid-PMT, • APD,
- MCP-PMT, • New type of photon-sensors

Applications of photon-Sensors to;

- High Energy Physics, • Nuclear Physics,
- Cosmic-Ray Physics, • Astronomy,
- Cosmology, • Medical Science

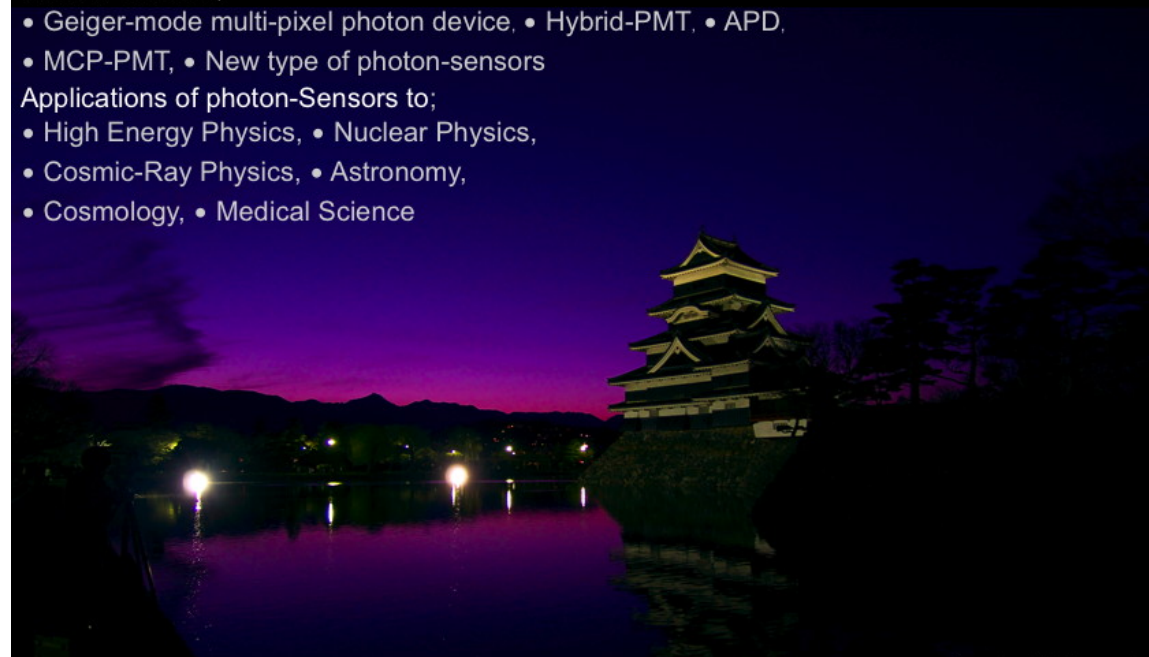


photo by Aki Sawada

International Programing Committee


M. Danilov (ITEP), B. Dolgoshein (MEPhi), J. Haba (KEK), K. Kawagoe (Kobe), Y. Kudenko (INR), M. Kuze (Tokyo Tech), T. Nakadaira (KEK), T. Nakaya (Kyoto), A. Para (FNAL), F. Retiere (TRIUMF), F. Sefkow (DESY), T. Takeshita (Shinshu), M. Teshima (Max-Planck), J.C. Vanel (LLR Ecole polytechnique)

Local Organizing Committee

K. Kawagoe (Kobe), K. Miyabayashi (Nara-WU), T. Matsumura (NDA), I. Nakamura (KEK), K. Kotera (Shinshu), T. Takeshita (Shinshu), M. Yokoyama (Kyoto), K. Yoshimura (KEK)

Detector Technology Project, IPNS, KEK
Faculty of Science, Shinshu University

Supported by JSPS Grant-in-Aid for Creative Scientific Research, "Research and Development of a Novel Detector System for the International Linear Collider", and MEXT Grant-in-Aid for Scientific Research on Priority Areas, "New Development of Flavor Physics"



3rd workshop 2012, Orsay, France

International Workshop on New Photon-detectors

PHOTODeT 2012

June 13-15, 2012
LAL Orsay, France

Main Topics :
The workshop focuses on new development in photo-sensors. Various types of new photo-sensors and their applications are covered and Geiger-mode multi pixel photon devices is one of the main targets.

Photo-sensors : Geiger-mode multi pixel photon devices – Hybrid PMT – APD – MCP-PMT – new type of photo-sensors

Electronics : front-end and readout electronics

Applications : HEP, nuclear physics, cosmic ray physics, astronomy, cosmology, medical science

Local Organizing Committee :
P. Barrillon (LAL Orsay)
D. Breton (LAL Orsay)
V. Brouillard (LAL Orsay)
N. Dinu (LAL Orsay)
B. Genolini (IPN Orsay)
I. Nakamura (KEK)
V. Pulli (LAL Orsay)
T. Takeshita (Shinshu University)

International Programming Committee :
M. Danilov (ITEP)
K. Kawagoe (Kyushu)
Y. Kudenko (INR)
T. Sumiyoshi (Tokyo-Metro)
T. Nakaya (Kyoto)
A. Para (FNAL)
F. Retiere (TRIUMF)
F. Sefkow (DESY)
T. Takeshita (Shinshu)
M. Teshima (Max-Planck)
J.C. Vanel (IPCM)
K. Yoshimura (KEK)

<http://photodet2012.lal.in2p3.fr/>



4th workshop 2015, Moscow, Russia

International Conference on New Photo-detectors

PD15

July 6-9, 2015, Moscow, Troitsk, Russia

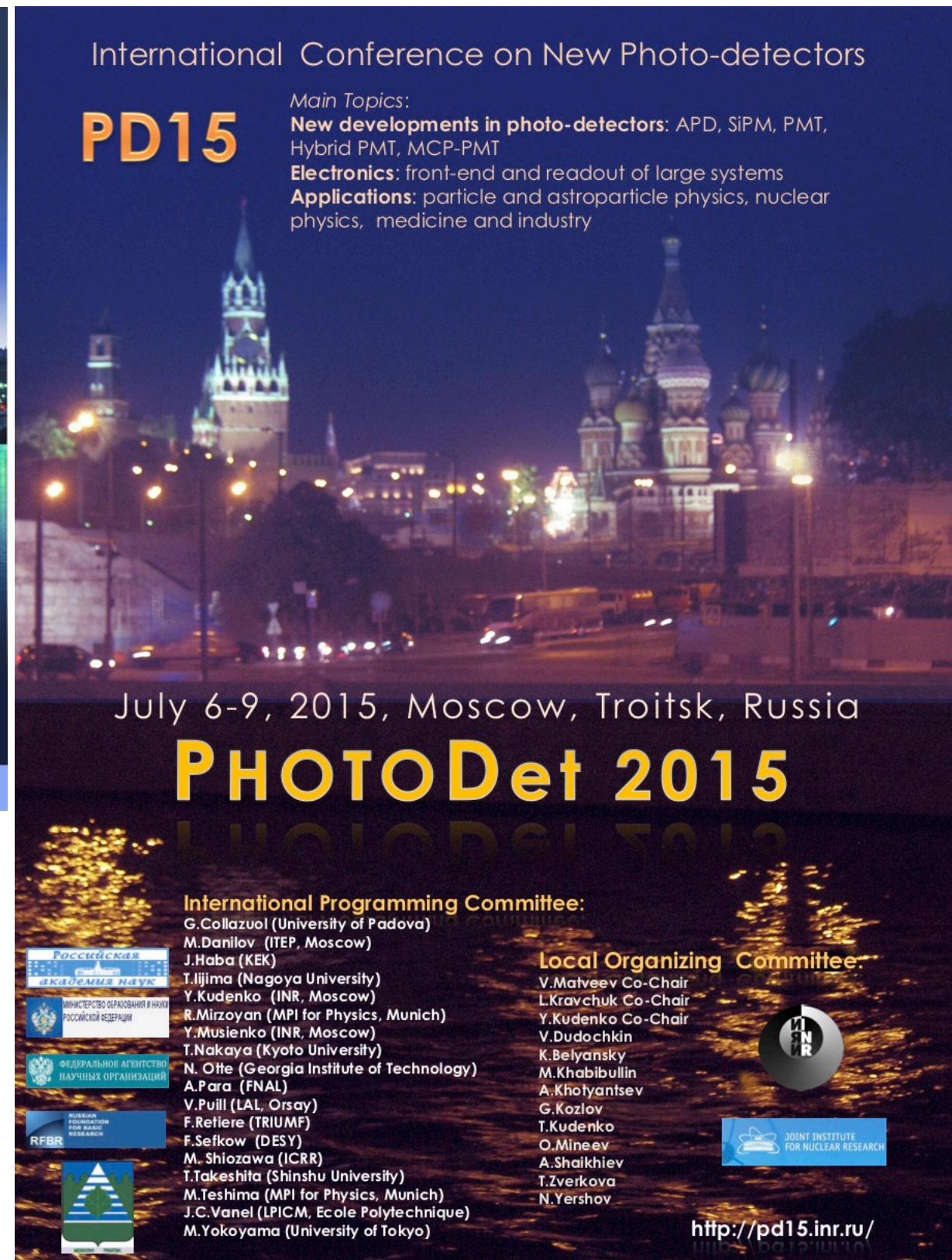
PHOTODeT 2015

Main Topics:
New developments in photo-detectors: APD, SiPM, PMT, Hybrid PMT, MCP-PMT
Electronics: front-end and readout of large systems
Applications: particle and astroparticle physics, nuclear physics, medicine and industry

Local Organizing Committee:
V. Matveev Co-Chair
L. Kravchuk Co-Chair
Y. Kudenko Co-Chair
V. Dudochkin
K. Belyansky
M. Khabibullin
A. Khotyantsev
G. Kozlov
T. Kudenko
O. Mineev
A. Shaikhiev
T. Zverkova
N. Yershov

International Programming Committee:
G. Collazuol (University of Padova)
M. Danilov (ITEP, Moscow)
J. Haba (KEK)
T. Iijima (Nagoya University)
Y. Kudenko (INR, Moscow)
R. Mirzoyan (MPI for Physics, Munich)
Y. Musienko (INR, Moscow)
T. Nakaya (Kyoto University)
N. Otte (Georgia Institute of Technology)
A. Para (FNAL)
V. Pulli (LAL, Orsay)
F. Retiere (TRIUMF)
F. Sefkow (DESY)
M. Shiozawa (ICRR)
T. Takeshita (Shinshu University)
M. Teshima (MPI for Physics, Munich)
J.C. Vanel (LPICM, Ecole Polytechnique)
M. Yokoyama (University of Tokyo)

<http://pd15.inr.ru/>



5th workshop, back in Japan



PD18
5th International Workshop on New Photon-Detectors
Nov. 27-29, 2018
The University of Tokyo
TOKYO JAPAN

TOPICS

- Recent progress and new developments in photon-detectors such as PPD (SiPM, MPPC, GAPD,...), APD, PMT, Hybrid PMT and MCP-PMT
- Electronics for front-end and readout of large systems
- Applications in particle and astroparticle physics, nuclear physics, nuclear medicine and industry

International Program Committee

G. Collazuol (University of Padova)	N. Otte (Georgia Institute of Technology)
M. Danilov (ITEP, Moscow)	A. Para (FNAL)
J. Haba (KEK)	V. Puill (LAL, Orsay)
T. Iijima (Nagoya University)	F. Retiere (TRIUMF)
J. Kataoka (Waseda University)	F. Sefkow (DESY)
Y. Kudenko (INR, Moscow)	M. Shiozawa (ICRR)
R. Mirzoyan (MPI for Physics, Munich)	T. Takeshita (Shinshu University)
Y. Musienko (INR, Moscow)	M. Teshima (MPI for Physics, Munich)
T. Nakaya (Kyoto University)	J. C. Vanel (LPICM, Ecole Polytechnique)

Local Organizing Committee

W. Ootani (ICEPP, co-chair)
M. Yokoyama (University of Tokyo, co-chair)
K. Inami (Nagoya University)
K. Miwa (Tohoku University)
I. Nakamura (KEK)
H. Nanjo (Osaka University)
Y. Nishimura (ICRR)
H. Tajima (Nagoya University)
S. Yoshida (Chiba University)



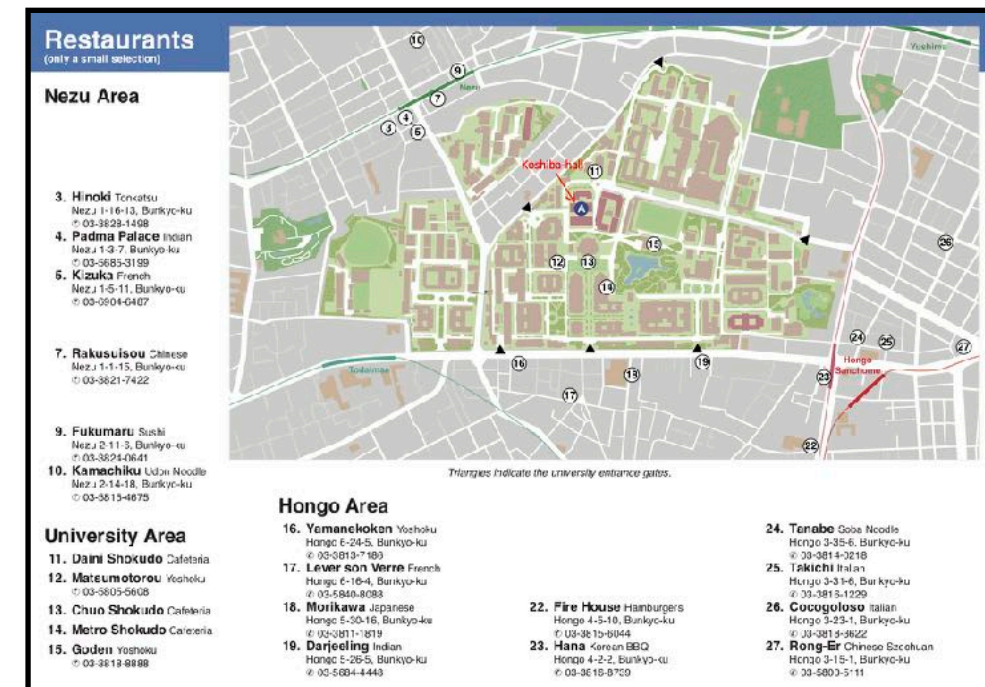
(U.Tokyo campus on Nov.26, 2019)



Practical information



- DO NOT eat or drink inside this hall
(foyer is OK, we will serve drink/snack there)
- A lunch map can be found in the workshop package
- You can use a temporary eduroam account for wifi
(also found in the package)
- There may be recording for a program in NHK World Radio Japan. If you don't want to be recorded, please contact LOC (pd18@hep.phys.s.u-tokyo.ac.jp)

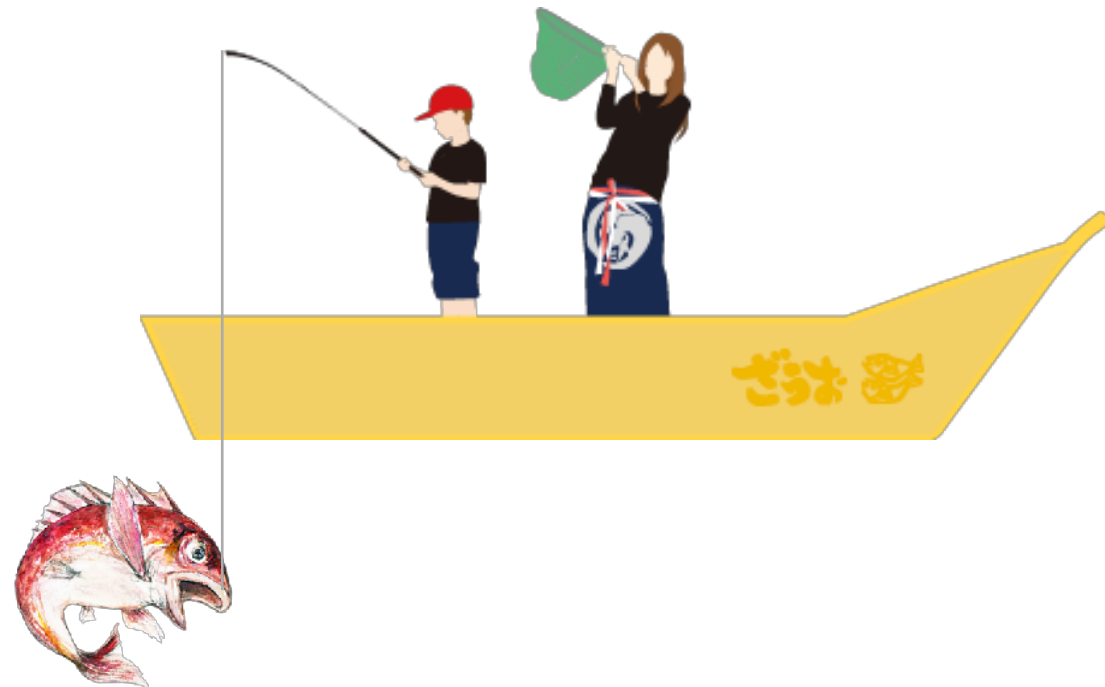


Reception and poster session

- Today, from 18:00-
 - Poster highlight talk (by I.Nakamura) just before
 - Please mount the posters during lunch time
 - Remove them before the lunch time of the last day

Banquet

- Date/Time: 19:30-21:30 on Nov. 28th
- Place: Fresh Fish Restaurant **ZAUO** (Shinjuku)
<http://www.zauo.com/en/>
- It's literally “fresh” because you can fish and eat the caught fish



To speakers

- Please upload your talk, by the end of previous day
- If you cannot upload it yourself, please send the file to pd18@hep.phys.s.u-tokyo.ac.jp

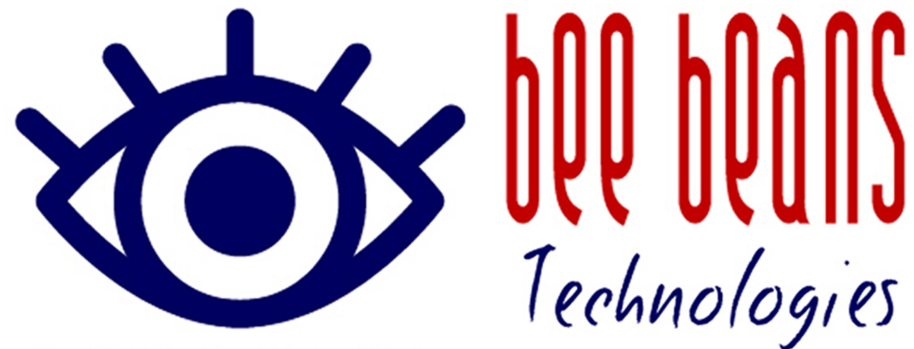
Proceedings

- Will be published in JPS Conference Proceedings
 - Open access journal published by The Physical Society of Japan
 - Online version only
 - All oral and poster presentation will be included
- The deadline of contribution: **February 28, 2019**
- Instruction will be sent soon

Supporting companies

HAMAMATSU

P H O T O N I S O U R B U S I N E S S



SEIKO EG&G

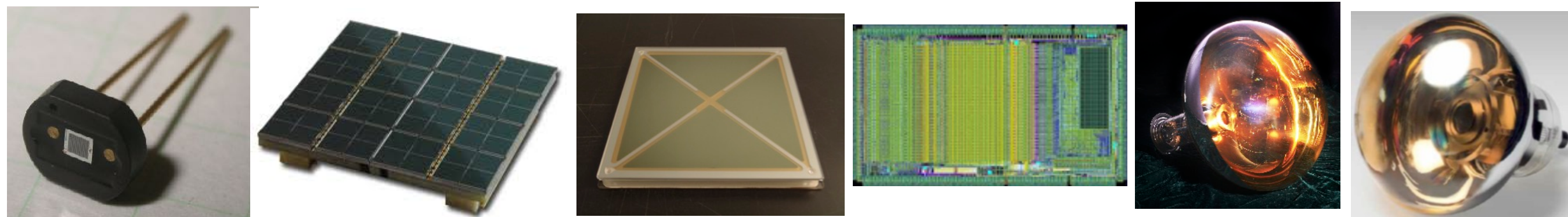
- Please visit their exhibitions (in the foyer and the room across a corridor)

Topics in PD series

TOPICS

- Recent progress and new developments in photon-detectors such as PPD (SiPM, MPPC, GAPD,...), APD, PMT, Hybrid PMT and MCP-PMT
- Electronics for front-end and readout of large systems
- Applications in particle and astroparticle physics, nuclear physics, nuclear medicine and industry

“The workshop aims at discussing recent progress and development of photo-sensors including SiPM, APD, Hybrid-PMT, MCP-PMT and other new photo-sensors. Their applications to different fields such as particle physics, nuclear physics, cosmic-ray physics, astronomy and medical sciences and the instrumentations related to the photon-detectors will also be covered.”



Let's enjoy the workshop!

With discussing latest developments in photon-detectors,
finding autumn in Tokyo and Japan, and
meeting old friends and making new friends