

## 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)  
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T. Takeshita (Shinshu University)

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T. Nakaya (Kyoto)  
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F. Seifkow (DESY)  
T. Takeshita (Shinshu)  
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# Local Organizing Committee



Pierre Barrillon

Valérie Brouillard



Isamu Nakamura

Véronique Puill



Nicoleta Dinu

Bernard Genolini

Tohru Takeshita



Dominique Breton



## 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



PD07  
@ Kobe

**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.

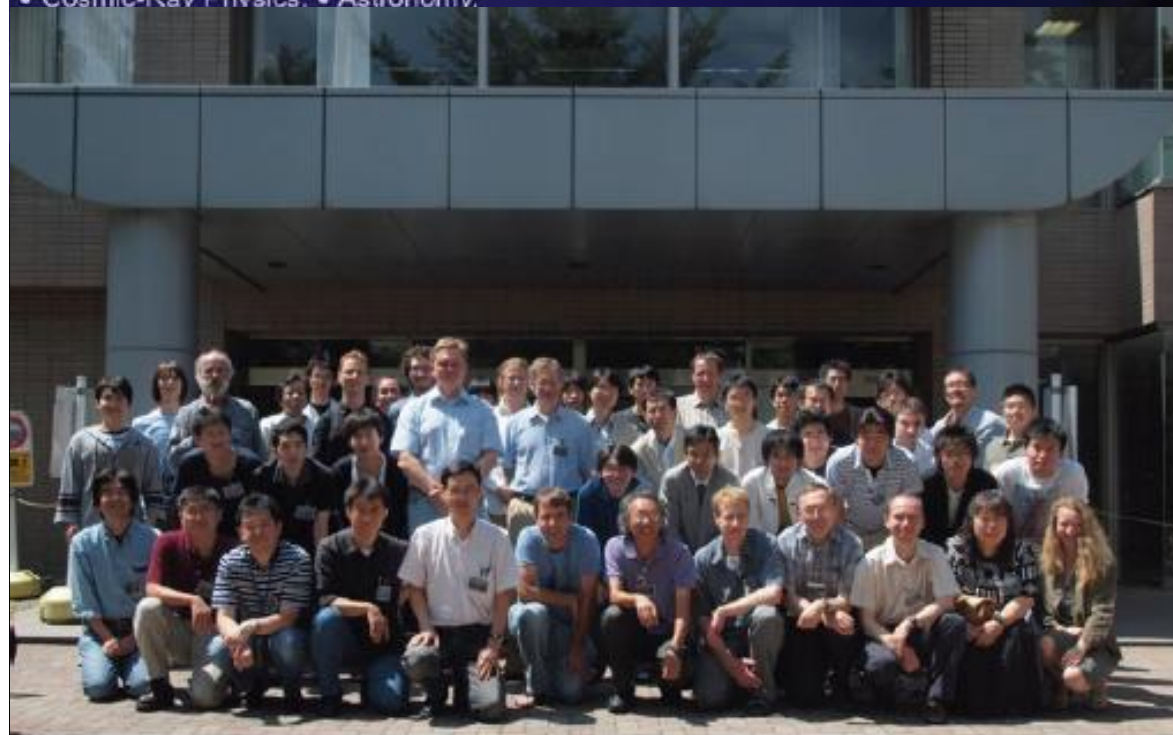
**Deadline of abstract submission: May 15, 2009**

**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.



PD09

@ Shinshu

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## PhotoDet12 @ LAL, Orsay



*Thanks to the International Committee for giving us the possibility to organize this third edition  
Adam Para, Fermilab – the primary person promoting this idea*



# Thanks to PHOTO DET 2012 Sponsors



## *Thanks to all of you for:*

- your participation, in particular for those coming from very far
- the high quality presentations and posters

## *Particular thanks to overview speakers:*

- Gianmaria Cuollazuol, University & INFN, Padova, Italy
  - SiPM technology overview
- Gabriela Llosa, IFIC, Valencia, Spain
  - SiPM applications overview
- Christophe de La Taille, IN2P3, CNRS, France
  - Read-out electronics overview

## *Many thanks to summary speaker:*

- Yury Musienko, INR/FNAL, Switzerland

## *Thanks to our young colleagues:*

- Taibi Aid Imando et Leonid Burmistrov
  - helping us during workshop

## *Particular thanks to our experts colleagues in conferences organization:*

- Valérie Brouillard
  - precious help for registration and many logistic elements
- Catherine Bourge
  - PhotoDet12 web master
- Bruno Mazoyer
  - poster, workshop logo and pictures
- Dominique Longieras
  - taking pictures during workshop
- Annick Michaud
  - her help



# Thanks to Industrial Exhibitors



*Physical Instruments*



## ***about Proceedings of the workshop***

- Proceedings will be published with PoS online (no hard copy)
- about 4–6 pages for each contribution
- at least one reviewer per article
- deadline will be 15 of September
- procedure will be posted on the web

International Workshop on New Photon Detectors

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**Applications:** HEP, nuclear physics, cosmic ray physics, astronomy, cosmology, medical sensors



**Local Organizing Committee:**  
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 V. Pili (LAL Orsay)  
 T. Sasseville (Shizuoka University)

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 F. Nagele (GSI)  
 A. Puri (SNAL)  
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 F. Sefkow (DESY)  
 T. Takahata (Shizuoka)  
 M. Tschinka (Max-Planck)  
 J.-C. Varela (PCMI)  
 K. Yamamura (KEK)

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

## ***This workshop:***

- Successfully and fruitfully for many discussions on photo-detectors, associated electronics and applications
- Many developments are going on, very fast

## ***The next workshops:***

- 2015, Moscow, Russia - confirmed
- 2013, KEK, Japan – to be confirmed in the next few months

***We wish you a nice visit to Paris***

***We wish you safe trip back***

***We hope to see you in large  
number to the next workshop***