

PCaPAC2005  
The fifth International Workshop on Personal Computers and  
Particle Accelerator Controls



March 22-25, 2005, at SOKENDAI in Hayama, Japan

## Second Circular (CALL FOR PAPERS)

### 1. Instructions for submission of papers

#### Abstracts:

PCaPAC2005 web site (<http://conference.kek.jp/PCaPAC2005/>) is now ready for your submission of abstracts.

Brief instructions for the submission of abstract are as follows:

- 1) Access our web site at <http://conference.kek.jp/PCaPAC2005/abstract.html>  
(User ID for the entry: pcapac , password: 2005 )
- 2) Fill in your name, affiliation, abbreviation for affiliation, e-mail address, co-author(s), title of paper and abstract not exceeding 200 words in plain text.
- 3) Classify your abstract by selecting topic(s) from the list shown on the web. You may check a few topics, if you think relevant to your paper.
- 4) Enter keywords (maximum of 5 words)
- 5) Choose 'Oral' or 'Poster' for presentation

If you have any problem for the submission on the web, you can also submit abstract by e-mail (address: [pcapac2005-Abstract@milk.kek.jp](mailto:pcapac2005-Abstract@milk.kek.jp)), stating all the items shown above as 2) to 5). For the topics for classification, please refer to section No.6 of this circular.

The DEADLINE for the submission is **NOVEMBER 30, 2004**.

You will receive confirmation of your paper submission together with your paper ID from the workshop office.

#### Contributed papers:

All contributed papers will be distributed by CD-ROM, of which all workshop registrants will receive one copy. We will follow the JACoW (Joint Accelerator Conference Website) format. The detail of the JACoW format will be described in our web page.

The deadline for the papers is the first day of the Workshop (**March 22, 2005**). Papers for publication only will not be accepted.

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## 2. Registration

Our web site (<http://conference.kek.jp/PCaPAC2005/>) is now open for registration. Participants are requested to register via the web no later than **February 28, 2005**. For those who have no access to the web, registration will also be accepted via ordinary mail or fax.

(E-mail: [pcapac2005@mil.k.kek.jp](mailto:pcapac2005@mil.k.kek.jp), fax: +81-298-64-3182)

The registration fee is 25,000 Japanese Yen, to be paid at the workshop registration desk. This includes the proceedings(CD-ROM), official tour, coffee and snack throughout the workshop and banquet. Only Japanese Yen in cash can be accepted for payment. For students, the registration fee is reduced to 15,000 Japanese Yen including the banquet.

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## 3. General Description of the Workshop

PCaPAC2005 will be held at SOKENDAI Hayama Campus in Shonan Village, at Hayama city in Japan on March 22-25 2005. Hayama is located 50 km south of Tokyo. The Workshop is hosted by High Energy Accelerator Research Organization (KEK) and SOKENDAI, with substantial collaboration with Tsinghua University in China. SOKENDAI is a graduate school jointly operated by many research institutes in Japan and KEK is one of the largest participants in this activity.

The main objectives of the workshop are to discuss every kind of issues of the use of PCs for controls of accelerators and to give scientists, engineers and technicians a forum of discussion and opportunities to understand each other.

For the latest and detailed information on this workshop, please refer to the following web site:

URL: <http://conference.kek.jp/PCaPAC2005/>

If you have any questions or requests, please feel free to contact the workshop secretariat:

Mr. Takashi Kosuge & Ms. Yoko Hayashi

E-mail: [pcapac2005@mil.k.kek.jp](mailto:pcapac2005@mil.k.kek.jp)

Phone: +81-298-64-5214

Fax: +81-298-64-3182

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## 4. Workshop Organization

The workshop is chaired by Shin-ichi Kurokawa of KEK. The Members of the International Program Committee and the Local Organizing Committee are listed in the attachment.

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## 5. Program

The workshop consists of plenary sessions and poster sessions.

March 21 (Mon.) Registration & Welcome reception

March 22 (Tue.) Opening & Sessions

March 23 (Wed.) Sessions & Banquet

March 24 (Thurs.) Sessions & Tour

March 25 (Fri.) Sessions & Closing

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## 6. Topics for PCaPAC2005

We think that the following are the topics of the workshop.

- Control Systems for Accelerators, Experiments and their subsystems
  - Hardware Technologies (Embedded Systems, Turnkey Systems with Integrated Controls, Field Busses, etc.)
  - Software Technologies
  - Middleware
  - User Interfaces
  - Integrating Different Platforms or Commercial Systems
  - Networking and Connectivity
  - Databases
  - Integrating Web Technologies
  - Security and Reliability
  - Future Trends, Emerging Technologies and new PC Paradigms
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## 7. Language

The official language of the workshop is English.

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## 8. Banquet

A workshop banquet is planned to be held on March 23. An additional ticket for accompanied person can be purchased at the registration desk for 5,000 Japanese Yen per person.

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## 9. Accommodations

The workshop secretariat has reserved a block of rooms for participants at a hotel near the workshop site. Please check our web site regularly for further information (<http://conference.kek.jp/PCaPAC2005>).

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## 10. Visa

Please be noticed that participants from some countries need a valid entering Visa into Japan. If there is anything we can assist you with, please contact the workshop office (E-mail: [pcapac2005@mil.k.kek.jp](mailto:pcapac2005@mil.k.kek.jp), Fax: +81-298-64-3182).

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## 11. Transportation

SOKENDAI Hayama Campus is located on a small hill in Hayama city, 50 km south of Tokyo. For detailed, please refer to the following web sites.

[SOKENDAI]

<http://www.soken.ac.jp/english%20pages/english-front.html>

[Shonan Village]

[http://www.shonan-village.co.jp/english/link\\_index.html](http://www.shonan-village.co.jp/english/link_index.html)

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## 12. Isamu Abe Prize

Following the suit of the last PCaPAC in Italy, to honor the memory of the PCaPAC co-founder Mr. Isamu Abe of KEK, who suddenly passed away on June 2002, we will give "Isamu Abe" awards to a few participants of the Workshop on the basis of their submitted papers. This award intends to recognize and encourage people in their early career in this field for their innovative ideas, achievements and applications. Details of the award will be announced in the third circular.

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## Attachment

The members of the International Program Committee:

Reinhard Bacher - DESY, Germany  
Lek Boonanan - NSRC, Thailand  
Luciano Catani - INFN, Italy  
Pavel Chevstov - Jefferson Lab, U.S.A.  
Subrata Dasgupta - VECC, India  
Ivan Deloese - CERN, Switzerland  
Philip Duval - DESY, Germany  
Mats Engstroem - MSL, Sweden  
Pravin Fatnani - CAT, India  
Giao Mong Nguyen - Physics Ins., Vietnam  
Andy Goetz - ESRF, France  
Yoshinari Hayato - KEK, Japan  
Steven Hunt - PSI, Switzerland  
Noriichi Kanaya - Ibaraki Univ., Japan  
Tadahiko Katoh - KEK/SOKENDAI, Japan  
KIM Kukhee - KBSI, Korea  
Jun-ichi Kishiro - JAERI, Japan  
In Soo Ko - POSTECH, Korea  
Takashi Kosuge - KEK, Japan  
Kenichi Kurihara - JT60, Japan  
Shin-ichi Kurokawa - KEK/SOKENDAI, Japan  
Weimin Li - NSRL, China  
Dekang Liu - SSRF, China  
Alexandre Loukiantsev - IHEP, Russia  
Brian Martlew - CCLRC, UK  
Hideya Nakanishi - NIFS, Japan  
Hiroshi Nishimura - LBL, U.S.A.  
Hideki Ogawa - NIFS, Japan  
Alberto Pace - CERN, Switzerland  
Mark Plesko - JSI, Slovenia  
Deborah Quock - ANL, U.S.A.  
Yoshinobu Shibasaki - LNS, Tohoku Univ., Japan  
BeiBei Shao - Tsing-Hua Univ., China  
Eiichi Takada - NIRS, Japan  
Ryotaro Tanaka - Spring8, Japan  
Jijiu Zhao - IHEP, China

The Members of the Local Organizing Committee:

Kazuro Furukawa - KEK  
Yoko Hayashi - KEK  
Noriichi Kanaya - Ibaraki Univ.  
Tadahiko Katoh - KEK/SOKENDAI  
Junichi Kishiro - JAERI  
Takashi Kosuge - KEK  
Shin-ichi Kurokawa (Chairman) - KEK/SOKENDAI  
Hideya Nakanishi - NIFS  
Kazuyuki Nigorikawa - KEK  
Yoshinobu Shibasaki - LNS, Tohoku Univ.  
Akihiro Shirakawa - KEK  
Yoshihiro Suzuki - KEK  
Eiichi Takada - NIRS  
Noboru Yamamoto - KEK

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