Joint Accelerator Conferences Website

Joint Accelerator Conferences Proceedings

In general, each Conference retains the Copyright to their proceedings but allows that copies of single articles may be taken from this site, provided that the source is acknowledged.
The conference papers have been processed using Adobe Acrobat software.
Acrobat Reader 3 or later is required.

The Conference Proceedings							
PAC'67	PAC'87	PAC'89	PAC'91	PAC'93	PAC'95	EPAC'96	LINAC'96
PAC'97	EPAC'98	APAC'98	LINAC'98	PAC'99	ICALEPCS'99	EPAC'00	LINAC'00
APAC'01	Cyclotrons'01	ICALEPCS'01	PAC'01	EPAC'02	LINAC'02		

SEARCH Engine

This form is based on the Inktomi Search Engine and sets various parameters to limit the search to the appropriate areas.
Full Boolean searches are possible and once the search has been submitted it can be refined using the Inktomi form.
In order to eliminate unwanted papers in the search result, users are strongly advised to use the '+' operator which requires that the particular string is found.
The help page gives more details and examples for the formulation of searches.

Select Conferences							
☐ PAC'67	☐ PAC'87	☐ PAC'89	☐ PAC'91	☐ PAC'93	☐ PAC'95	☐ EPAC'96	☐ LINAC'96
☐ PAC'97	☐ EPAC'98	☐ APAC'98	☐ LINAC'98	☐ PAC'99	☐ ICALEPCS'99	☐ EPAC'00	☐ LINAC'00
☐ APAC'01	☐ Cyclotrons'01	☐ ICALEPCS'01	☐ PAC'01	☐ EPAC'02	☐ LINAC'02	☑ ALL	

Choose Search Criteria	
Author(s)	
Title	
Keyword	
Text of paper	

➥Go!

028506
Since 07-Nov-01

Status

- 22 conferences already published
- Currently ~15,000 hits per annum (averaged since PAC'03 in May of this year).
- Domain name registration (payment) valid for 2 further years.
- DNS service should be renewed, but waiting for information from the supplier.
- Main effort has been with SPMS during 2003.

- **Editorial Responsibility**

  The Proceedings of each conference are the responsibility of the Editors or Editorial Board, or a person designated by the Chairman of the Scientific Programme Committee of the relevant conference.

- **Web and Mirror Sites**

  JACoW is located at CERN, with a full functionality mirror site in Asia , at KEK. The Organisations hosting these sites undertake to provide the necessary hard- and software, backup and maintenance.

Member conferences have to agree to the following:

- ☐ Compliance with some standardisation (for example adherence to the basic requirements for publication on JACoW)
- ☐ To deliver a fully compliant set of files ready for publication on the Web site.
- ☐ A collaborative approach to template preparation and software to be supported
- ☐ A collaborative approach to the selection of Acrobat software to ensure backward compatibility
- ☐ Attendance of at least the technical people at JACoW Steering Committee meetings during each PAC and EPAC Conference
- ☐ Attendance at annual JACoW Team Meetings
- ☐ To continue and possibly expand the international collaboration in electronic publication
- ☐ To encourage publication of post-mortems.

- **JACoW Steering Committee**

  The JACoW Steering Committee is the formal body which reports to the conference chairmen.

- **Composition of the Steering Committee:**

  Previous, present, future and co-opted representatives of Editorial Boards of each series and the webmasters of JACoW Websites - the change happening immediately after the 'current' conference has taken place. JACoW is led by a Chairman appointed for three year periods.

- **JACoW Team**

  The 'Team' comprises the Steering Committee and experts from around the world who meet at the conferences and at annual meetings. We are involved in all aspects of the electronic publication of proceedings for example, we agree on templates, promote author education, develop new techniques for processing papers etc.

The team :

- gives support to members for processing papers during and after conferences.

- trains people joining the field through hands-on experience at conferences.

- develops new techniques and procedures for the production of proceedings.

- agrees on standards and templates.

Technical Requirements

- Paper Size
  - □ A4 wide by US letter high
- Page Layout
  - □ text centred on the page and each page carries a page number and conference name (and in some cases copyright information).
- Performance Issues
  - □ Any individual page should display in less than about 5 seconds on a 'normal' specification computer (say 800MHz machine in 2003).
- Hidden Fields
  - □ Title - Title with anglicised characters (in general, no math or foreign characters); Author - author list without affiliations; Subject - variable but often the classification given by the conference; Keywords - list of up to 5 keywords.
- Type 3 fonts
  - □ maximum effort to avoid type 3 fonts in our PDF files.
- Indexes
  - □ HTML Indexes or 'wrapper' files (author index and table of contents etc.)

Membership

- In addition to the six series already published, there are some new members and three more conferences with applications under consideration.
  - ☐ DIPAC 99 and 03 are almost ready for publication
  - ☐ RuPAC has applied for their 2004 conference.
  - ☐ Superconducting RF conference is considering their application
  - ☐ ECR Ion Source Conference is considering their application
  - ☐ FEL Conference Series is considering their application.

Mirror Site

- KEK site has been running for one year now.
- No further comments have been received about the performance with respect to the absence of a mirror site in North America.

Problems in 2003

- Domain registration failure on 2 occasions (down for several hours each time)

- CERN systems were hit by a virus attack and the external internet links were shut down for more than one day.

- Search engine returns some garbage in the first line of the descriptive information for a small number of papers.

3 results found, sorted by relevance   sort by date   hide summaries   1-3

Pencil-Like mm-Size Electron Beams Produced with Linear Inductive Voltage Adders (LIVA)
3(18,/□/,.(□00□6,=(□(/(&7521□%($06□352'88('□:,7+□/,1($5 ,1'88&7,9(□92/7$*($*(□$"(56□ /,9$ 0□*□□0D]
DUDNLV□□-□:□□3RXNH\□□'□&□□5RYDQJ□□-□(□□0DHQFKHQ□□6□ ...
http://accelconf.web.cern.ch/AccelConf/l96/PAPERS/TUP02.PDF - 485.9KB
72%   21 Jun 03   Find Similar

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Eugene L. Neau Sandia National Laboratories, Albuquerque, NM I. ABSTRACT High current pulsed accelerator technology was developed during the late 60's ...
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Review of New Developments in the Field of Induction Accelerators (Electrons and Ions)
REVIEW OF NEW DEVELOPMENTS IN THE FIELD OF INDUCTION ACCELERATORS (ELECTRONS AND IONS) Simon Yu E. O. Lawrence Berkeley National Laboratory This ...
http://accelconf.web.cern.ch/AccelConf/l96/PAPERS/TH103.PDF - 420.9KB
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sort by date   hide summaries   1-3

Original Font	Type	Encoding	Actual Font	Type
MSTT31c31c00	Type 1	Custom	Embedded Subset	Type 1
MSTT31c3c900	Type 1	Custom	Embedded Subset	Type 1
Symbol	Type 1	Built-in	Symbol	Type 1
MSTT31c3e300	Type 1	Custom	Embedded Subset	Type 1
TimesNewRoman	TrueType	Windows	Embedded	TrueType

List All Fonts...   OK

JACoW Repository

- **Institute database (600)**
  - Names, acronyms, addresses etc.
- **Profiles for authors/co-authors (3000)**
  - Personal information like departments and local addresses, preferred name, Email address …

These have been populated from existing databases. Authors have been invited to set up their account and to verify the data. They are only able to update certain fields and other changes require intervention by the administrator.

Look to the Future

- Continuing expansion of the website with the additions from the PAC scanning project.

- DIPAC has almost finished an exercise to re-process the last conference (2001) so that JACoW can publish it and now they have nearly finished the proceedings from the 2003 as well.

- SPMS is already in pre-production for EPAC and should be delivered as a turn-key system early in 2004.

Open Issues

- Funding for JACoW activities including domain name.
- Library data publication.
- Keywords list needs accelerator names review