

JOINT ACCELERATOR CONFERENCES WEBSITE

A service for the whole accelerator community

<http://www.JACoW.org/>
Webservers in Europe (CERN) and Asia (KEK)

The screenshot shows the JACoW website homepage in a Microsoft Internet Explorer browser window. The page title is "Joint Accelerator Conferences Website". The main content area is titled "Joint Accelerator Conferences Proceedings" and contains a table of conference proceedings. A search engine section is also visible, with a "Go!" button and a counter showing "039378" since 07-Nov-01. The left sidebar contains navigation links for authors and editors. Annotations with arrows point to various parts of the page:

- Templates and help for authors:** Points to the "For authors:" section in the sidebar.
- Links to member conference sites:** Points to the "JACoW Collaboration Conferences" link in the sidebar.
- Information for the JACoW team and conference organisers:** Points to the "For editors:" section in the sidebar.
- 23 conferences posted (June 2004)** and **Click here for access to individual conferences:** Points to the "LINAC'96" link in the table.
- Choose any number of conferences to search:** Points to the "Select Conferences" section in the search engine.
- Specify search criteria like author name or keywords:** Points to the "Choose Search Criteria" section in the search engine.

Searching on JACoW

All of the files published on JACoW contain hidden fields for the Authors names, the title and the keywords.

The Inktomi search engine builds an index based on these hidden fields as well as an index to the full text of all papers.

Boolean searches are possible, making it easy to find papers of particular interest, for example:

Author: +poole -"J. Poole"

would return all of the papers written by Poole apart from those written by J. Poole

Other examples:

Keyword: +H-minus -cyclotron -ion-source

Text: +"beam-beam interaction" +luminosity +proton

The latter will make a full text search for these criteria

JACoW Activities

The JACoW team provides and maintains the website but it also produces templates for conference papers in Word (with versions for PC and MAC) and LaTeX.

In addition to the proceedings of each conference, meta data concerning citations are published for use in library catalogues.

The team meets at least once per year to review technical matters and the Steering Committee meets each year at PAC or EPAC.

In 2003 the JACoW Scientific Programme Management System (SPMS) was implemented. Built around a central repository of author and institute profiles it handles papers and abstracts through the whole process for proceedings production and publication.

