



Trieste
2003

What is JACoW and What Do We Offer To Your Conference?

Todd Satogata
Jefferson Lab and Old Dominion University

JACoW Team Meeting 2019

Santos, Brazil

3 December 2019

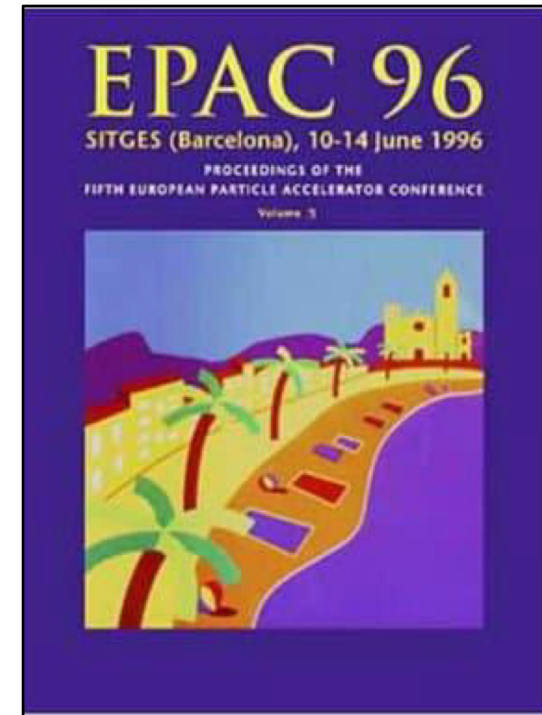




When I was your age...



...proceedings were called “books”!



- Conferences once printed all their proceedings
 - (Nearly) all the delegates got a printed, shipped copy
 - We’d send people to conferences to get proceedings!

A Confluence of Technologies

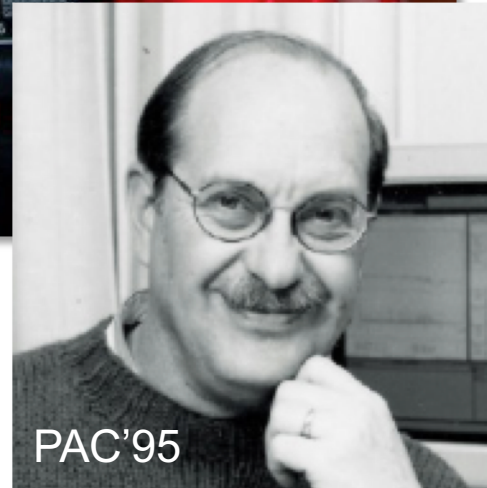
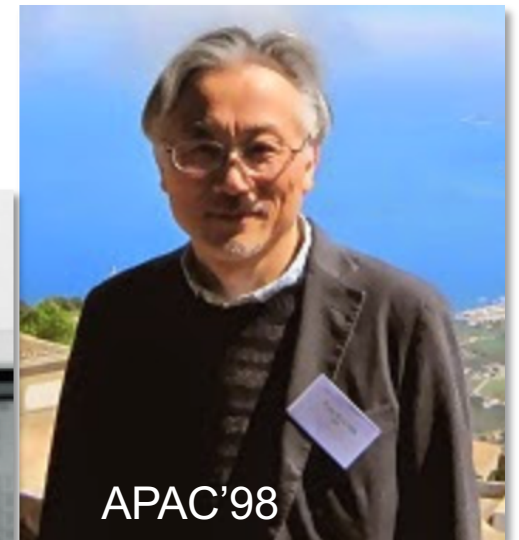
And an [exaltation of larks](#)

Not to be confused with [the larch](#)

- 1990-1: World Wide Web (CERN)
- 1993: PDF and Acrobat made free (Adobe)
- 1993: Commercialization of Linux (redhat)
- 1994: 100 MHz PC processors (Intel)
- 1995-2000: Dot Com Boom
 - Internet usage/access grows 25x: 15M to 350M
 - 1995: Release of Windows '95
- PAC'95 (Dallas): Camera-ready publication
- EPAC'96 (Sitges): Electronic publication (CERN)
 - Templates, on-site editing, dot board (author “education”)
- PAC'97 (Vancouver): The birth of JACoW
 - Founded by APAC'98, EPAC'98, PAC'99



A Confluence of Personalities



What a Deal!

Home > Browse by Publisher > Institute of Electrical and Electronics Engineers (IEEE) > PARTICLE ACCELERATOR CONFERENCE. IEEE. 22ND 2007. (11 VOLS) PAC 07



✉ Send to Friend

PARTICLE ACCELERATOR CONFERENCE. IEEE. 22ND 2007. (11 VOLS) PAC 07

Item #: 02634

Our Price: **\$1,415.00**

Pricing: Non-Member \$1,415.00

IEEE Member #:



Product Description

Title: 2007 IEEE Particle Accelerator Conference
Desc: Proceedings of a meeting held 25-29 June 2007, Albuquerque, New Mexico.
Prod#: CFP07PAC-POD
ISBN: 9781424409167
Pages: 4,402 (11 Vols)
Format: Softcover
Notes: Authorized distributor of all IEEE proceedings
TOC: [View Table of Contents](#)
Publ: Institute of Electrical and Electronics Engineers (IEEE)
POD Publ: Curran Associates, Inc. (Apr 2008)

Proceeding copies sold through Curran Associates

Other hardcopies US\$300-\$500 for recent IPACs

A large portion of registration fee if all delegates receive a printed copy

What a Deal!



Note: Cover may not represent actual copy or condition available

Proceedings of the Fifth European Particle Accelerator Conference. EPAC 96. Volume I
by Myers, S., A. Pacheco, R. Pascual, Ch. Petit - Jean - Genaz and J. Poole (Editors)

Condition: Near Fine/No Jacket

Institute of Physics Publishing, 1999, 878 Pp. , 1999. Volume 1 only; hardcover; in near fine condition. This is a heavy volume; extra shipping may be required for priority mail or international orders. . Hard Cover. Near Fine/No Jacket.

- ◆ Bookseller: [Eryops Books](#) 🇺🇸 (US)
- ◆ Bookseller Inventory #: HH3-16
- ◆ Title: Proceedings of the Fifth European Particle Accelerator Conference. EPAC 96. Volume I

\$49.95

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[Used copies \(1\)](#)

A large portion of registration fee if all delegates receive a printed copy

A More Rational Comparison

International Conference Proceedings Series

ACM's International Conference Proceedings Series (ICPS) program offers a low-cost alternative to other publishers and venues. The charges for events whose proceedings are accepted for publication in ICPS are:

- Base rate for volumes with up to 30 papers: \$500
- For volumes with more than 30 papers: base rate of \$500, plus \$20 for each paper above 30

Please see the [ICPS Flyer](#) for Marketing information.

ACM is pleased to announce a new concept in Conference Proceedings publishing. The goal of this program is to enable conferences and workshops to cost effectively produce print proceedings for their attendees, while also providing maximum dissemination of the material through electronic channels, specifically, the ACM Digital Library. The complete list of published ICPS volumes is available in the [ACM Digital Library](#).

The ACM International Conference Proceedings Series scope of coverage is available [here](#).

- Association for Computing Machinery (ACM) publishing arm
 - \$500 + \$20 per paper over 30 $500 + 20 * 1400ish = \$28-30k$
 - Reasonably comparable to JACoW costs
 - BUT they have their own copyright, and require subscription for access
- **JACoW is better at a comparable up-front cost** (and lower total cost)

What are the Goals of JACoW?

<http://www.jacow.org/About/GoalsOfJACoW>

- Publish high-quality sets of proceedings with access through the custom interface.
- Provide long-term archival storage to ensure longevity and access to publication data.
- Publish conference metadata for open archives.
- Train and educate authors and editors.
- Provide and maintain a repository of user profiles for accelerator conferences.
- Provide support for conference organisers.

Consistent core goals since the founding of JACoW

What are the Requirements of JACoW?

<http://www.jacow.org/About/PoliciesRequirementsForPublishingOnJACoW>

- CC-BY 3.0: <https://creativecommons.org/licenses/by/3.0/>
- Editor/IT participation in Team Meetings (3yr cycle)
- Technical paper requirements
 - PDFs: proper metadata / margins / paper size / font embedding / version compatibility
- SPMS use *not* required
 - Use of SPMS and repository requires agreement on repository privacy, quality, integrity
 - Future is SPMS-Indico with perhaps a different model

The JACoW Charter

<http://www.jacow.org/About/Charter>

- JACoW operates according to the rules and policies of the JACoW Charter, documented on [jacow.org](http://www.jacow.org)
- The charter defines *less* what JACoW *does*, and *more* how JACoW *operates*.
 - Board of Directors composition, elections, responsibility and authority <http://www.jacow.org/Main/Contacts>
 - Annual Team Meeting
 - Annual Stakeholder’s Meeting
 - (Nearly) always at IPAC to attract broadest audience
 - “The existence of the JACoW site does not detract from the rights of individual conference organisers to publish their proceedings on other web sites, storage media or hard copies of their choice.”



What is JACoW? A Website (or more)

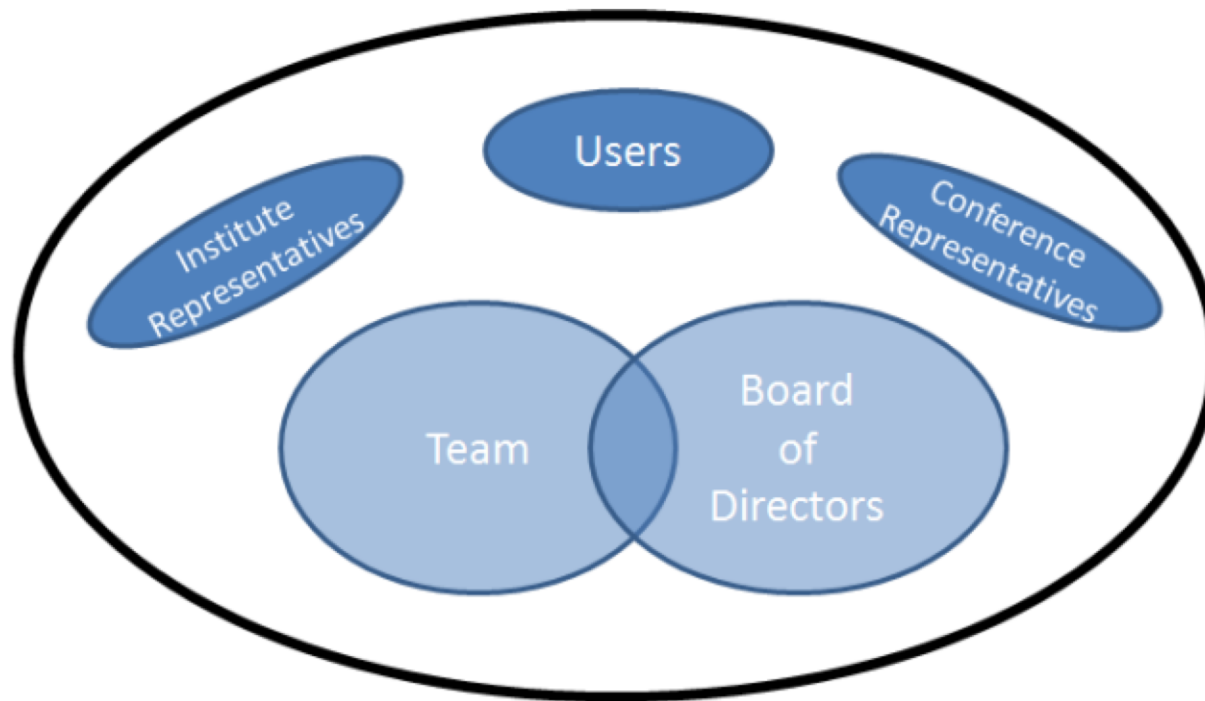
- Joint Accelerator Conferences on the Web(sites)
 - Proceedings hosted by CERN and KEK
 - JACoW wiki/website hosted by Elettra
 - SPMS code supported by FNAL (Matt)
 - Proceedings scripts supported by GSI (Volker)
 - SPMS servers hosted by FNAL, CERN, KEK
 - Upload/download servers hosted by PSI, Jefferson Lab
 - Source code, request tracking hosted by sourceforge
 - With investment in a functionality merge with InDiCo
- We cannot hope to achieve our goals without the resources (hardware and time) provided by the support of national labs and conference series

What Is JACoW? A Collaboration (reiterating Ivan)

<http://www.jacow.org/About/TheCollaboration>

- JACoW is an international collaboration
 - Dedicated to prompt high-quality publication of accelerator science conference proceedings

JACoW Stakeholders



<http://www.jacow.org/StakeHolders/ListOfStakeholders>

IPAC'18 JACoW Team (Melbourne)

<http://www.jacow.org/About/TeamMembersRoles>



- **WE** are members of the JACoW team
 - Producing excellent, prompt proceedings for international conferences in good cameraderie
 - Coordinating support for proceedings production
 - Author reception, IT, presentation management, etc

JACoW: Producing Excellent Proceedings

SRF2019 Proceedings of the 19th International Conference on RF Superconductivity



The links below lead to detailed listings of the many facets of the conference, including Portable Acrobat Format (PDF) files of all invited and contributed papers, together with slides from oral presentations.

19th International Conference on RF Superconductivity

SRF 19 DRESDEN June 30th – July 5th, 2019

Index of papers by:

- Session
- Classification
- Author
- Institute
- DOI per Institute
- Keyword

Main Features of the Conference

- RF Projects and Challenges
- Quality Design and Fabrication
- Particle Accelerators
- Quality Processing and Handling
- New Materials for Particle Accelerators
- RF Technology and Applications
- Pre-conference Seminar
- Student Program
- Hot Topic Sessions



www.srf19.org

Editorial Board: Peter Michel (HZDR)
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FEL2019 Proceedings of the 39th International Free-Electron Laser Conference

The links below lead to detailed listings of the many facets of the conference, including Portable Acrobat Format (PDF) files of all invited and contributed papers, together with slides from oral presentations.



39th International Free-Electron Laser Conference
FEL19
Hamburg, Germany
26-30 August 2019
Universität Hamburg, Main building

Index of papers by:

- Session
- Classification
- Author
- Institute
- DOI per Institute
- Keyword

- Proceedings Volume [193 MB]
The complete volume of papers
- Proceedings at a glance [43 MB]
First page only of all papers with hyperlinks to complete versions

220 conferences and workshops as of this writing
12 since last TM

IPAC2019 Proceedings of the 10th International Particle Accelerator Conference

The links below lead to detailed listings of the many facets of the conference, including Portable Acrobat Format (PDF) files of all invited and contributed papers, together with slides from oral presentations.

10th INTERNATIONAL PARTICLE ACCELERATOR CONFERENCE
19 - 24 MAY 2019
Hosted by ANSTO's Australian Synchrotron at the Melbourne Convention & Exhibition Centre



www.ipac19.org

Index of papers by:


- Session
- Classification
- Author
- Institute
- DOI per Institute
- Keyword

- Proceedings at a glance [307 MB]
First page only of all papers with hyperlinks to complete versions
- Preface
- Committees
- In Unity
- Photo Album

IPAC2019 was hosted by ANSTO's Australian Synchrotron and held at the Melbourne Convention & Exhibition Centre, Melbourne, VIC, Australia 19–24 May 2019


Editorial Board: Mark Boland (UoM), Hitoshi Tanaka (KEK), David Button (ANSTO), Rohan Dowd (ANSTO), Volker RW Schaa (GSI), Eugene Tan (ANSTO)
June 2019
Copyright © 2019 by JACoW — cc Creative Commons Attribution 3.0 ISBN 978-3-95450-208-0

COOL2019 Proceedings of the 12th Workshop on Beam Cooling and Related Topics



23-27 September 2019
Budker INP

The links below lead to detailed listings of the many facets of the conference, including Portable Acrobat Format (PDF) files of all invited and contributed papers, together with slides from oral presentations.



COOL'2019
September, 23 - 27, 2019
Novosibirsk
Russia

Index of papers by:

- Session
- Classification
- Author
- Institute
- DOI per Institute
- Keyword

- Proceedings Volume [40 MB]
The complete volume of papers
- Proceedings at a glance [12 MB]
First page only of all papers with hyperlinks to complete versions

- Committees
- Participants
- Photo Album
- Group Photo

COOL2019 was hosted by Budker Institute of Nuclear Physics SB RAS, Novosibirsk, Russian Federation

Editorial Board: Maksim V. Kuzin (BINP), Volker RW Schaa (GSI)
Nov 2019
Copyright © 2019 by JACoW — cc Creative Commons Attribution 3.0 ISBN 978-3-95450-218-9
ISSN 2226-0374

Conferences, Papers, Talks, Posters

C.Series	Count of Conferences	C.Series	Sum of Number of papers	C. Series	Sum of Number of talks	C. Series	Sum of Number of Posters
+ ABDW	20	+ ABDW	1,262	+ ABDW	1,217	+ ABDW	24
+ APAC	4	+ APAC	1,076	+ APAC	68	+ APAC	
+ BIW	3	+ BIW	281	+ BIW	66	+ BIW	51
+ COOL	7	+ COOL	291	+ COOL	240	+ COOL	24
+ Cyclotrons	20	+ Cyclotrons	2,610	+ Cyclotrons	222	+ Cyclotrons	26
+ DIPAC	7	+ DIPAC	768	+ DIPAC	77	+ DIPAC	53
+ ECRIS	6	+ ECRIS	311	+ ECRIS	193	+ ECRIS	64
+ EPAC	11	+ EPAC	9,074	+ EPAC	294	+ EPAC	
+ FEL	14	+ FEL	2,654	+ FEL	605	+ FEL	88
+ HIAT	4	+ HIAT	273	+ HIAT	183	+ HIAT	14
+ IBIC	7	+ IBIC	1,174	+ IBIC	250	+ IBIC	355
+ ICALEPCS	10	+ ICALEPCS	3,035	+ ICALEPCS	691	+ ICALEPCS	1,086
+ ICAP	5	+ ICAP	360	+ ICAP	263	+ ICAP	8
+ IPAC	10	+ IPAC	13,344	+ IPAC	1,009	+ IPAC	14
+ LINAC	29	+ LINAC	5,672	+ LINAC	416	+ LINAC	188
+ MEDSI	2	+ MEDSI	241	+ MEDSI	91	+ MEDSI	123
+ NA-PAC	2	+ NA-PAC	842	+ NA-PAC	260	+ NA-PAC	67
+ PAC	24	+ PAC	19,316	+ PAC	556	+ PAC	
+ PCaPAC	6	+ PCaPAC	455	+ PCaPAC	214	+ PCaPAC	176
+ RuPAC	8	+ RuPAC	1,342	+ RuPAC	343	+ RuPAC	43
+ SAP	2	+ SAP	93	+ SAP		+ SAP	
+ SRF	19	+ SRF	2,961	+ SRF	457	+ SRF	337
Grand Total	220	Grand Total	67,435	Grand Total	7,715	Grand Total	2,741

Thanks to R. Billen!

Recommended Reading

http://www.jacow.org/uploads/About/Article_KASOKUKI.pdf

「加速器」 Vol. 12, No. 3, 2015 (152-161)

話 題

THE JOINT ACCELERATOR CONFERENCES WEBSITE, JACoW: AN OPEN ACCESS WEBSITE FOR THE PUBLICATION OF CONFERENCE PROCEEDINGS IN ACCELERATOR SCIENCE AND TECHNOLOGY

Christine Petit-Jean-Genaz*

INTRODUCTION

The Joint Accelerator Conferences Website (JACoW), at <http://www.JACoW.org> came into being in the mid-nineties with the publication of the first electronic set of European Particle Accelerator Conference (EPAC) proceedings on the World Wide Web, on a server located at CERN. The publication of that first set of conference proceedings 18 years ago has developed into an international collaboration in electronic publication of accelerator science and technology conference proceedings, with at the time of writing, 18 collaborating conference series and 167 sets of proceedings published. The story of how this came about, and the lessons learned along the way, are described by the author who has been part of this exciting adventure from the earliest days. This article will avoid detail of the technicalities of electronic publication, which are fully documented at the site mentioned above. It will simply tell the tale of JACoW, the people involved and their adventures.

ONCE UPON A TIME ...

As the era of electronic publication dawned in a world where the Web was still largely unknown, the PAC'95 and EPAC'96 editors prepared to embark upon totally new proceedings production methods using Adobe Acrobat software, then in its infancy to digitize PostScript files (PS) to produce Portable

document files (PDF). The first EPAC proceedings, since 1988, were encouraged by Steve Myers, CERN, a Chair of the early EPAC Organizing and Scientific Programme Committees, to prepare the way towards electronic publication of EPAC proceedings for publication on CD-ROM.

Since the first big event embarking on electronic publication was to be PAC'95, John and I asked Bob Siemann¹, SLAC, the PAC'95 Scientific Programme Committee Chair, for permission to join the proceedings office team in Dallas, Texas and to visit SLAC following the conference to get hands on experience processing the contributions.

PAC'95 authors had been asked to hand in their contributions to the conference proceedings on diskettes together with a hard paper copy. Figures 1 and 2 show examples of a diskette and a CD-ROM for younger readers. More mature readers will be reminded of how much our tools and technology have



Figure 1: Reminder of what a diskette looked like in the mid-nineties.



JACoW

Joint Accelerator Conferences Website

<http://www.JACoW.org/>

Or, as Volker would put it, “Joint Accelerator Conferences on the Web”

A Short History, its Status and Aims

John Poole

Trieste, December 2003

http://epaper.kek.jp/jacow/TM_2003_Trieste/slides/Seminar-JP.pdf

Thank You!

