



JACoW.org

# What is JACoW and What Does It Offer To Your Conference

David Button – On Behalf JACoW

Australian Nuclear Science and Technology Organisation

## JACoW Team Meeting 2023

Hosted by NSRRC

HsinChu City, Taiwan from November 28<sup>th</sup>  
to December 1, 2023



# Disclaimer

*Many aspects of this talk may contain traces of “Todd Satogata”*



*Plagiarism is unavoidable due to JACoW extensive legacy!*



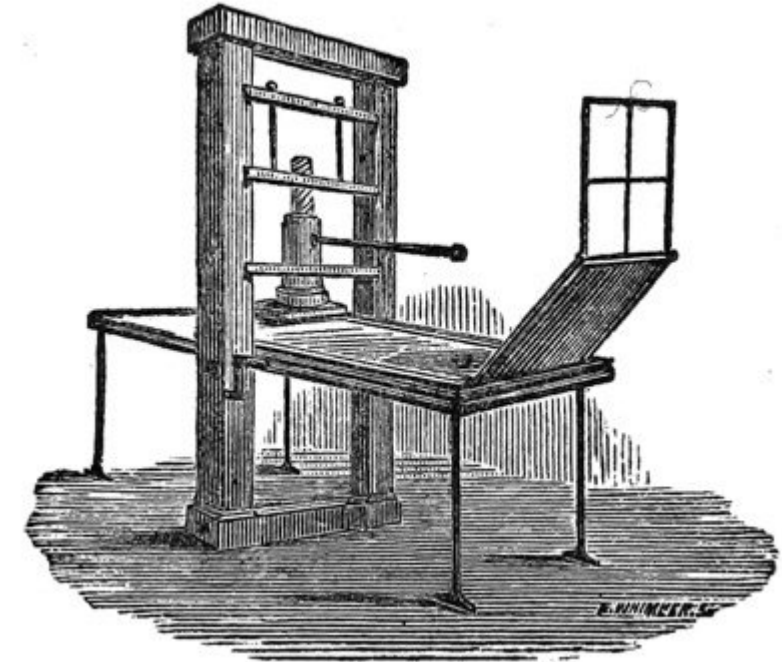


# How the world changed...

## Printing Powers the Scientific Revolution

NICOLAI COPERNICI			
MEDIA QVAE CIRCA SIGNIFERYM.			
Formæ stellarum.	[Logit.]	[Latit.]	
SCORPII.			
[partes.]	[partes.]	[magnit.]	
In ultimo acutulo dextrae pedem.	112 1/2	Aut. 6 1/2	5
Sequens.	111 1/2	Aut. 6 1/2	5
In primo corpore pondulo.	111 1/2	Aut. 11 0	3
In secundo pondulo.	111 1/2	Aut. 11 0	3
In tertio duplici borea.	111 1/2	Aut. 18 1/2	4
Australis duplici.	111 1/2	Aut. 18 0	3
In quarto pondulo.	110 1/2	Aut. 19 1/2	3
In quinto.	111 1/2	Aut. 18 1/2	2
In sexto pondulo.	111 1/2	Aut. 16 1/2	2
In septimo quæ proxima acutulo.	112 1/2	Aut. 15 1/2	3
In ipso acutulo dextræ sequens.	110 1/2	Aut. 12 1/2	3
Antecedens.	110 1/2	Aut. 11 1/2	4
CIRCA SCORPIUM INFORMES.			
Nebulosa sequens acutulum.	114 1/2	Aut. 12 1/2	Nebulosa
Ab acutulo in boream dextræ sequens.	114 1/2	Aut. 6 1/2	5
Quæ sequitur.	112 1/2	Aut. 4 1/2	5
SAGITTARI.			
In cuspidæ figuræ.	127 1/2	Aut. 6 1/2	2
In manubrio sinistrae manus.	141 0	Aut. 6 1/2	3
In Australi parte arcus.	141 1/2	Aut. 1 1/2	3
In Septentrionali dextræ Australior.	142 1/2	Aut. 1 1/2	3
Figura in Boream in extremitate arcus.	140 0	Bor. 2 1/2	4
In humero sinistro.	142 1/2	Aut. 1 1/2	3
Antecedens hanc in acutulo.	140 1/2	Aut. 2 1/2	4
In medio nebulosa duplex.	148 1/2	Bor. 0 1/2	Nebulosa
In capite trium quæ ante.	140 0	Bor. 2 1/2	4
Media.	151 0	Bor. 1 1/2	4 maior
Sequens.	151 0	Bor. 2 0	4
In Boreâ contra triam Australior.	152 1/2	Bor. 2 1/2	4
Media.	155 1/2	Bor. 4 1/2	4
Boreâ triam.	156 1/2	Bor. 6 1/2	4
Sequens tres officina.	159 0	Bor. 5 0	7
In Australi contra triam Boreâ.	162 1/2	Bor. 1 1/2	6
Australis.	161 0	Bor. 2 0	6
In humero dextro.	155 1/2	Aut. 1 1/2	6

REVOLUTIONVM LIB. II.			
MEDIA QVAE CIRCA SIGNIFERYM.			
Formæ stellarum.	[Logit.]	[Latit.]	
SAGITTARI.			
[partes.]	[partes.]	[magnit.]	
In dextro cubito.	158 1/2	Aut. 2 1/2	6
In scapulis.	153 1/2	Aut. 2 1/2	5
In armo.	151 0	Aut. 4 1/2	4 maior
Sub axilla.	149 1/2	Aut. 0 1/2	3
In fabrigine sinistra prioræ.	151 0	Aut. 2 1/2	3
In genua eiusdem cruris.	150 1/2	Aut. 18 0	2
In parvi dextera scapula.	140 0	Aut. 12 0	3
In sinistra scapula.	160 1/2	Aut. 12 1/2	3
In anteriori dextro genu.	160 0	Aut. 10 1/2	3
In cubito cruris 4 boreâ lateris.	161 0	Aut. 4 1/2	5
Sequens eiusdem lateris.	161 1/2	Aut. 4 1/2	5
Australis lateris præcedens.	161 1/2	Aut. 5 1/2	5
Sequens eiusdem lateris.	162 1/2	Aut. 6 1/2	5
Sicilæ 1. quantum mag. secunde 2. tertie 9. quartæ 5. quintæ 8. sextæ 2. nebulosa una.			
CAPRICORNI.			
In præcedente cornu triam Boreâ.	170 1/2	Bor. 7 1/2	3
Media.	171 0	Bor. 0 1/2	6
Australis triam.	170 1/2	Bor. 5 0	3
In extremo sequentis cornu.	172 1/2	Bor. 8 0	6
In vico triam Australis.	172 1/2	Bor. 0 1/2	6
Reliquorum dextræ præcedens.	173 0	Bor. 1 1/2	6
Sequens.	173 1/2	Bor. 1 1/2	6
Sub axilla dextro.	170 1/2	Bor. 0 1/2	5
In cervice dextræ Boreâ.	175 0	Bor. 4 1/2	6
Australis.	175 1/2	Aut. 0 1/2	5
In dextro genu.	174 1/2	Aut. 6 1/2	4
In sinistro genu fabrigæ.	175 1/2	Aut. 8 1/2	4
In sinistro humero.	180 0	Aut. 7 1/2	4
Sub alia dextræ cingit præcedens.	182 1/2	Aut. 6 1/2	4
Sequens.	182 1/2	Aut. 6 0	5
In medio corpore triam sequens.	182 0	Aut. 4 1/2	5
Reliquorum præcedens Australis.	180 0	Aut. 4 0	5
Septentrionalis eorum.	180 0	Aut. 2 1/2	5
In dextro dextræ quæ ante.	180 0	Aut. 0 0	4
Sequens.	184 1/2	Aut. 0 1/2	4
In Australi spina antecedit dextræ.	186 1/2	Aut. 4 1/2	4

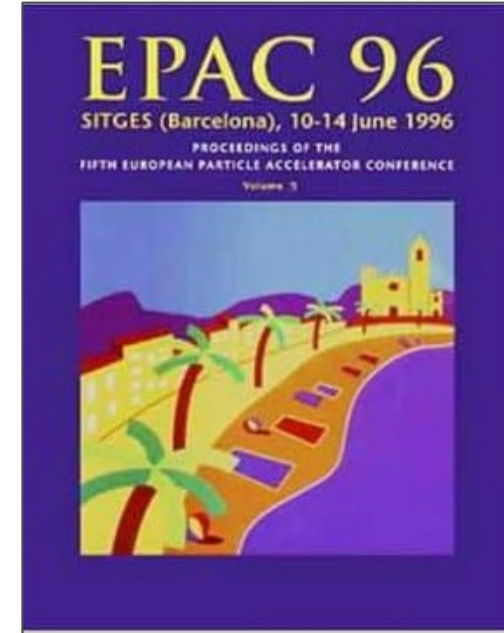


TABLES FROM POLISH ASTRONOMER NICOLAUS COPERNICUS' PIONEERING TEXT "DE REVOLUTIONIBUS ORBIUM CAELESTIUM" (ON THE REVOLUTION OF HEAVENLY SPHERES), 1543, WHICH REPRESENTS HIS COMPLETE WORK.

The English philosopher Francis Bacon, who's credited with developing the scientific method, wrote in 1620 that the three inventions that forever changed the world were **gunpowder**, the **nautical compass** and the **printing press**.

"the printing press introduced the world to the idea of machines  
"stealing jobs" from workers"

# Conferences Before JACoW



Jana Thomson Office TRUMF

## Conferences once printed all their proceedings

- (Nearly) all the delegates got a printed, shipped copy
- We'd send people to conferences to get proceedings!
- Printing, shipping was a big piece of the conference budget



# Cost to access

Books › Science & Math › Physics

## Epac 96: Proceedings of the Fifth European Particle Accelerator Conference, Sitges (Barcelona), 10 to 14 June 1996 - 3 Volume Set 1st Edition

by S. Myers (Editor)

**Hardcover**  
**\$425.00**

2 Used from \$150.00  
1 New from \$425.00

EPAC 96; Proceedings of the Fifth European Particle Accelerator Conference, Sitges (Barcelona), 10 to 14 June 1996, Three Volume Set, also available on a CD-ROM, provides a comprehensive overview of research, technology, and special applications in the field of accelerators. It serves as a source for novel ideas and familiarizes researchers with advanced concepts.

ISBN-10	ISBN-13	Edition	Publisher	Publication date
0750303875	978-0750303873	#1st	CRC Press	January 1, 1996

Click image to open expanded view

Read sample

**Product details**  
Publisher : CRC Press; 1st edition (January 1, 1996)

Proceeding copies sold through  
e.g. Curran Associates, Amazon

Other hardcopies US\$100-300  
(or less) for recent IPACs

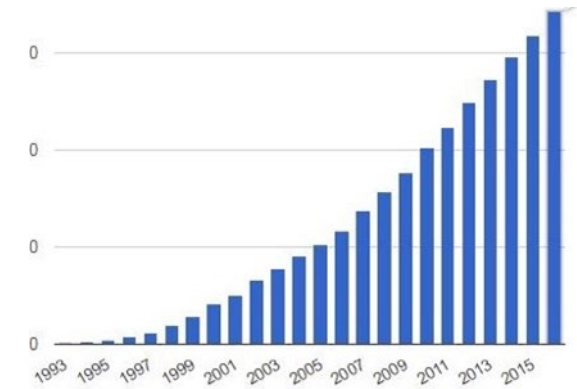
Was a large portion of registration  
fee when all delegates received a  
printed copy (in the “old days”)



# The Milestones on the Path

- 1990-1: World Wide Web (CERN)
- 1993: PDF and Acroread 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
- PAC'95 (Dallas): Camera-ready publication ([paper](#))
- EPAC'96 (Sitges): Full 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

Internet Users: 1993-2016



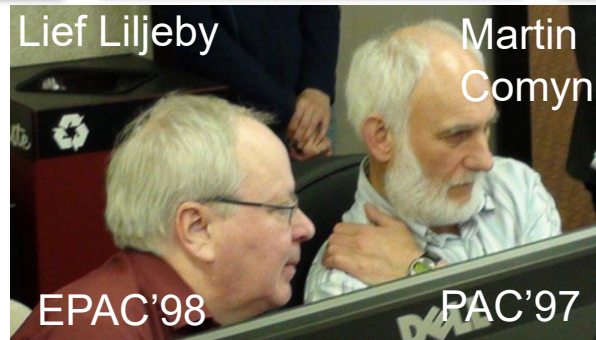
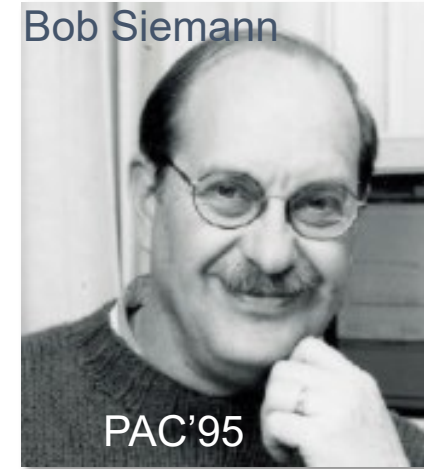
# What is JACoW?

Joint Accelerator Conferences [on the] Website

**The Beginnings:** In the mid-nineties, with the arrival of **electronic publication**, PAC'95 and EPAC'96 were the first accelerator conferences to try their hand at **publishing proceedings themselves**.

In 1997 the JACoW collaboration was created under the chairmanship of CERN's John Poole, with Christine Petit-Jean-Genaz as CERN secretary.

## An Original Confluence of Personalities



# Comparison As of 21 Nov 2023

## International Conference Proceedings Series

### General Instructions for Proceedings Publication

**IMPORTANT NOTE:** A new publishing model is being introduced for ICPS in 2024. If the formal Call for Papers for your conference will be released on or after January 1, 2024, the production charges described below will not apply, but some authors will be required to pay article processing charges (APCs) to publish in ICPS. Please review the details [here](#). Other details of the production process remain unchanged.

ACM's International Conference Proceedings Series (ICPS) program offers a low-cost alternative to other publishers and venues. The production charges\* for events whose proceedings are accepted for publication in ICPS as of December 2021 are:

- Base rate for volumes with up to 30 papers: US \$750
- For volumes with more than 30 papers: base rate of US \$750, plus US \$20 for each paper above 30

Incidental charges include the following:

- Non-refundable application fee: US \$50
- DOI registration fee: US \$1 per article published
- iThenticate plagiarism detection fee: US \$0.55 per accepted article
- Library of Congress Proceedings Registration fee: US \$80 per proceedings volume
- ISBN acquisition and registration Fee US \$1.50 per proceedings volume

\*ACM offers economic discounts based on [The World Bank List of Economies](#). Economic discounts may be applied to ACM production charges only. Incidental charges are applied as direct costs from 3rd party agencies or as part of the ICPS application submission process and cannot be discounted.

Please note that ACM will NOT begin the production process for your proceedings until the invoice is paid in full. Invoices are generated approximately 3 days after your last file upload into the ACM eRights system. Please contact Sean Pidgeon [pidgeon@hq.acm.org](mailto:pidgeon@hq.acm.org) for all invoice inquiries. Note also that no refunds can be issued for individual papers subsequently pulled from the proceedings for any reason (e.g. no-shows, fail to present, author requests for withdrawal from the published proceedings, etc.). Thank you for your understanding and cooperation.

**NOTE:** Economic discounts may be applied to ACM production charges only. Incidental charges are applied as direct costs from 3rd party agencies or as part of the ICPS application submission process and cannot be discounted.

## [International Conference Proceedings Series \(acm.org\)](https://www.acm.org)

Association for Computing Machinery (ACM) publishing arm  
\$750 + \$20 per paper over 30

\$750 + \$20 x 1400'ish = **\$28-30k** (\$USD)


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)


## ACM Digital Library Access

### 2 Pricing

Pricing and access depends on your membership or subscriptions with ACM.



Purchase this Article:  
**Use of CPU Performance Counters for Accelerator Selection in HLS-Generated CPU-Accelerator Systems**  
Bain A. Syrowik, Blair Fort, Stephen D. Brown



Purchase Article

☐ Non Member **\$15.00**

☐ ACM Professional Member **\$10.00**

☐ ACM Student Member **\$5.00**

ALREADY AN ACM MEMBER? [SIGN IN](#) OR [BECOME A MEMBER](#)

Price: **\$0.00**  
[Continue →](#)

[← Cancel & Go back](#)





# Comparison ACM ICPS (\$USD)

## New Open Access Publishing Model for ICPS Coming in 2024

In January 2024, ACM will be introducing a new Open Access publishing model for ICPS. Please refer to the FAQs for an overview of the new model. Full details of the publishing model are provided below.

The new Open Access (OA) publishing model for ICPS will apply to all conferences for which the formal Call for Papers will be issued on or after January 1, 2024.

### Article Process Charges (APC);

- If the corresponding author is affiliated with an institution in a lower-middle-income country (as defined by the World Bank) and at least one of the paper's authors is an ACM member, the applicable APC is **\$350 per paper**.
- If the corresponding author is affiliated with an institution in a lower-middle-income country (as defined by the World Bank) but none of the paper's authors is an ACM member, the applicable APC is **\$500 per paper**.
- If the corresponding author is not affiliated with an institution in a lower-middle-income country but at least one of the paper's authors is an ACM member, the applicable APC is **\$700 per paper**.
- In all other cases, the applicable APC is **\$1,000 per paper**.

Association for Computing Machinery (ACM) Open Access

\$ 700 per x 700 articles = \$490,000

\$1,000 per x 700 articles = \$700,000

Cost to Participants = Could be as high as **\$1,190,000**

*"The ACM OPEN model was developed with this challenge in mind. Rather than basing cost on the exact number of articles published each year, which is typically multiplied by an agreed APC price (~\$2,500 - \$3,000 per article for many of the large for-profit commercial publishers) to arrive at the total annual deal value to be paid to the Publisher"*

[New Open Access Publishing Model for ICPS Coming in 2024 \(acm.org\)](https://www.acm.org/icps/2024/faq)



# Comparison ACM ICPS (\$USD)

Fixed price subscription contracts currently proposed

The tier bands and pricing for new subscribers from January 1, 2023 onwards are as follows:

Tiers Level	Article Output Range	Tier Pricing (\$)
1	75+	\$95,000
2	60-74	\$70,000
3	40-59	\$50,000
4	30-39	\$35,000
5	20-29	\$25,000
6	16-19	\$20,000
7	12-15	\$15,000
8	8-11	\$12,000
9	4-7	\$9,500
10	0-3	\$7,000*



# JACoW Has Always Been Open Access!

## Free Creative in Common Open Access



The screenshot shows the JACoW.org website. The header features the JACoW.org logo and a navigation menu with links: Home, Proceedings, Authors, Organizers / Editors, JACoW Team, About, and Contacts. Below the header, the main content area is titled "Joint Accelerator Conferences Website". It includes a paragraph explaining the website's purpose and a table listing various conferences. To the right, there is a sidebar with "JACoW Authors" information, a "Reference Search Tool" section, and a "News" section with recent publications.

**JACoW.org**

Home Proceedings Authors Organizers / Editors JACoW Team About Contacts

### Joint Accelerator Conferences Website

The Joint Accelerator Conferences Website (JACoW) is an international collaboration that publishes the proceedings of accelerator conferences held around the world. All conferences agree to the [policies and requirements for publication](#). Originally created for the publication of the proceedings of the Asian, European, and North American particle accelerator conferences (which in 2010 became the International Particle Accelerator Conference series, or IPAC), today the site hosts the [proceedings](#) of the following JACoW collaboration conferences:

ABDW	DIPAC	FLS	IPAC	PCaPAC
APAC	EBIST	HIAT	LINAC	RuPAC
BIW	ECRIS	IBIC	MEDSI	SAP
COOL	EPAC	ICALEPCS	NA-PAC	SRF
CYCLOTRONS	FEL	ICAP	PAC	

[How do I publish proceedings on JACoW?](#)

Also published at this site:

- Information about the JACoW collaboration
- Help for authors submitting work to JACoW conferences
- Help and tools for editors of conference proceedings and members of the JACoW Team
- IPAC relations with industry:
  - [Construction Projects and Upgrades of Particle Accelerators](#) , IPAC'23 edition
  - [Construction Projects and Upgrades of Particle Accelerators](#) , IPAC'19 edition
  - [Construction Projects and Upgrades of Particle Accelerators](#) , IPAC'18 edition
  - [Result of Questionnaire](#) distributed to IPAC'14 Industrial Exhibitors

**JACoW Authors**

Check out the new **Reference Search Tool**

- [Search Page](#)
- [What Does this Tool Do?](#)
- [Quick Guide](#)

### News

2023 Nov 08  
Published [SRF'23](#) proceedings

2023 Nov 06  
Published [CYCLOTRONS'22](#) proceedings

2023 Sep 27  
Published [IPAC'23](#) proceedings

2023 Jul 17  
Published [FEL'22](#) proceedings

2023 Feb 27  
Published [eeFACT'22](#), [PCaPAC'22](#) proceedings

2022 Dec 15  
Published [IBIC'22](#) proceedings

2022 Dec 08  
Published [NA-PAC'22](#) proceedings

## What are the JACoW Goals

<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 editors and authors.**

Not "provide!"

- Provide and maintain a repository of user profiles for accelerator conferences.
- Provide support for conference organizers.
- *Maintain and lead community key investment in tools and infrastructure?*

Consistent core goals since the founding of JACoW





# What are the Requirements of JACoW?

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

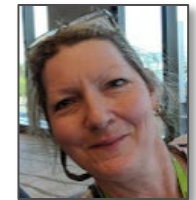
- CC-BY 4.0: <https://creativecommons.org/licenses/by/4.0/>
- Editor/IT participation in Team Meetings (3yr cycle)
- Technical paper requirements
  - PDFs: proper metadata / margins / paper size / font embedding / version compatibility
- Indico use *not* required
  - Use of Indico and repository requires agreement on repository privacy, quality, integrity
  - Indico new model still evolving

# 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
  - 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.”

<http://www.jacow.org/Main/Contacts>



# 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 Proceedings scripts (Volker)
  - SPMS servers hosted by CERN, KEK
  - Indico server hosted by CERN
  - Upload/download servers hosted by PSI, Jefferson Lab
  - Legacy SPMS code (formerly supported by FNAL)
  - Source code, request tracking hosted by sourceforge
    - › With investment in a functionality merge with Indico
  - Reference Search Tool and Cat Scan Cloud Host supported by ANSTO (Josh Peters)
  - JICT JACoW Indico Conference Tool by Elettra (Stefano)
- 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

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

- JACoW is an international collaboration
  - Dedicated to prompt high-quality publication of accelerator science conference proceedings
  - Many stakeholders:
    - › Users of JACoW proceedings/papers
    - › Institute representatives (Institutional "stakeholders")
    - › Conference representatives/organizers
    - › JACoW Team and Board of Directors
  - There is often much overlap among all classes of stakeholders

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



# Collaboration, what does it give you?

- Collection of collaborators with shared goals and needs
- Grow together, uplifting the wider community
- Talent development, and growing networks internationally
- Self-sufficiency, community ownership
- De-facto sponsorship of conferences by the community in kind
- The collective can achieve far more than the individual, sharing resources and services we have a more economical advantage
- As a JACoW Team Member you are a collaborator, not client



# Building up Team Members

- **Knowledge.** What you know and understand
- **Skills.** How you apply what you know
- **Network.** The people you know and can collaborate with
- **Resources.** What you have in terms of assets and tools
- **Reputation.** How the world perceives and values you





# Join us at the bar....



JACoW Team Meeting, Knoxville USA, 2022

“Here we see the team members of the JACoW collaborator in their natural habitat. These beautiful people migrate from all corners of the planet, congregating in a bar which is just an extraordinary wonder of the accelerator community”





# IPAC'23 JACoW Team (Venice)

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



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






**Red** Dotted  
Author....?



# JACoW: Producing Excellent Proceedings

**eeFACT2022** Proceedings of the  
**65<sup>th</sup> ICFA Advanced Beam Dynamics Workshop  
on High Luminosity Circular  $e^+e^-$  Colliders**

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



**Index of papers by:**

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

• eeFACT'22 Proceedings Volume [92 MB]  
The complete volume of papers

• eeFACT'22 Abstract Booklet [50 MB]

**SRF2023** Proceedings of the  
**21<sup>st</sup> 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 and PDFs from poster sessions.



**Index of papers by:**

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

• Proceedings Volume [584 MB]  
The complete volume of papers

• Proceedings at a glance [80 MB]  
First page only of all papers with hyperlinks to

**IPAC'23** Proceedings of the  
**14<sup>th</sup> 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 and PDFs from poster sessions.



**Index of papers by:**

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

• IPAC'23 Proceedings Volume [2.1 GB]  
The complete volume of papers

• IPAC'23 Proceedings at a glance [519.2 MB]  
First page only of all papers with hyperlinks to

**FEL2022** Proceedings of the  
**40<sup>th</sup> 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 and PDFs from poster sessions.



**Index of papers by:**

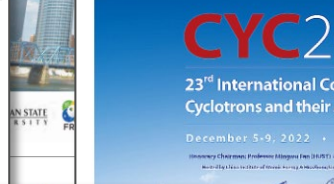
- Session
- Classification
- Author
- Institute
- DOI per Institute
- Keyword

• FEL2022 Proceedings Volume [220 MB]  
The complete volume of papers

• FEL2022 Proceedings at a glance [35 MB]

**CYC2022** Proceedings of the  
**23<sup>rd</sup> International Conference on  
Cyclotrons and their Applications**

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 and PDFs from poster sessions.



**Index of papers by:**

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

**PCaPAC2022** Proceedings of the 13<sup>th</sup> International Workshop on  
Emerging Technologies and Scientific Facilities Controls



**13<sup>th</sup> International Workshop  
on Emerging Technologies  
and Scientific Facilities Controls**

**FEL2022**


Trieste, Italy | August 22

International Executive Committee

Copyright © 2023  
Publishing Ethics

**IBIC2022**

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 and PDFs from poster sessions.



**Index of papers by:**

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

• IBIC'22 Proceedings Volume [3305 MB]  
The complete volume of papers

• IBIC'22 At a glance [84 MB]  
First page only of all papers with hyperlinks to complete versions

• IBIC2022 Abstract Booklet [5 MB]  
Venue, Scientific Program, Events, Synoptic Table

**NAPAC2022** Proceedings of the North American  
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



**Index of papers by:**

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

• Proceedings Volume [327 MB]  
The complete volume of papers

• Proceedings at a glance [70 MB]

**248** conferences and  
workshops on **jacow.org**  
as of this writing  
(+74,000 papers)  
~8 since last TM

# Recommended Inspirational Reading

「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 distill PostScript files (PS) to produce Portable

document files (PDF). Proceedings production 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 Siemann<sup>1</sup>, 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/>

A Short History, its Status and Aims

as Volker would put it, "Joint Accelerator Conferences on the Web"  
John Pule  
Trieste, December 2003

[http://epaper.kek.jp/jacow/TM\\_2003\\_Trieste/slides/Seminar-JP.pdf](http://epaper.kek.jp/jacow/TM_2003_Trieste/slides/Seminar-JP.pdf)

[http://www.jacow.org/uploads/About/Article\\_KASOKUKI.pdf](http://www.jacow.org/uploads/About/Article_KASOKUKI.pdf)





# Thank You!





Big thank you to  
National Synchrotron Radiation Research Center (NSRRC) Taiwan Team



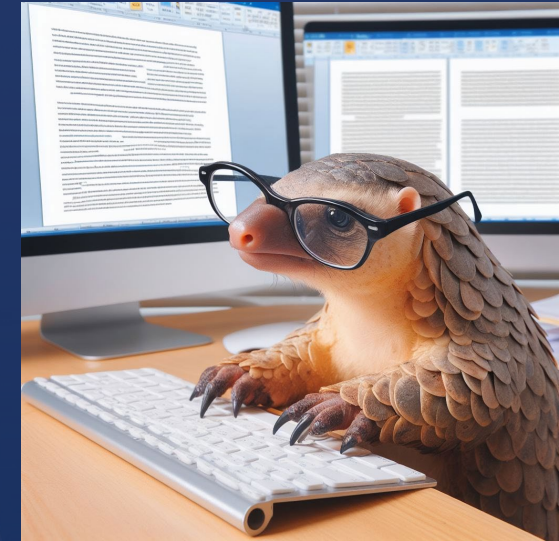
Our JACoW Seems to be Evolving

IPAC'25 Pangolin LaTeX Editor

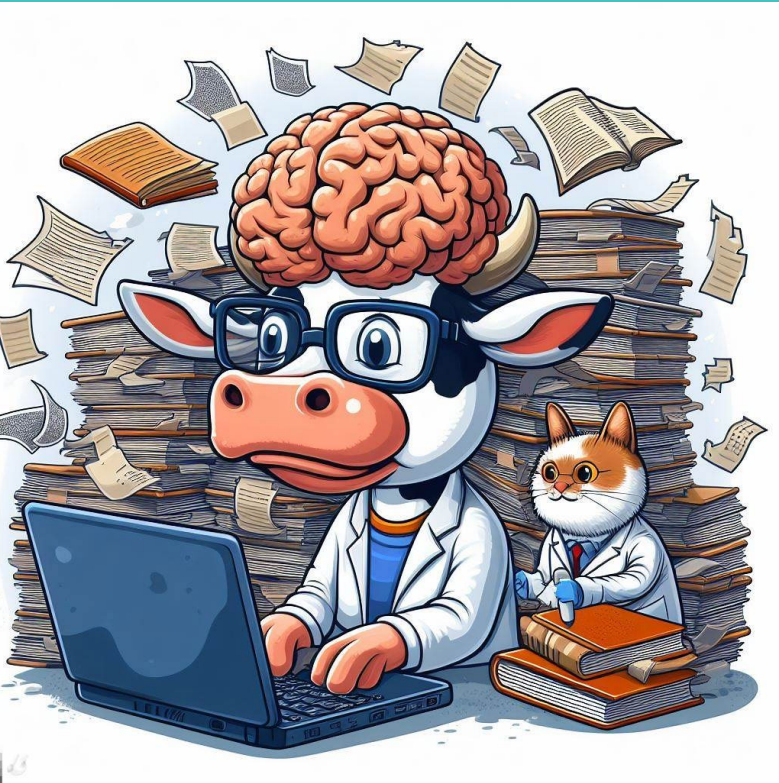


Pangolins Make the Best  
Debuggers

IPAC'25 Pangolin Editor Team







Ind-CoW