

* What happens when my conference finishes, and why?

Volker RW Schaa

GSI, Darmstadt, Germany

Team Meeting 2022 — Knoxville, TN, USA

Thursday, 2022-11-10T11:00

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Google Scholar, InspireHEP, DOIs, ISSN, and ISBN add to the value of proceedings published by the JACoW community by broadening the access to the content, and assist in the acknowledgment of the valuable work authors publishing on JACoW.org

This talk will give an insight into the work that continues after the conference finishes, and the additional attributes and metadata which are crafted into the proceedings to make them more easily and accurately ingested by 3rd parties.

Coverage

- * Post-Conference Work
- * ISBN, ISSN, DOI
- * Features & Metadata

I do not want to repeat material already presented for the steps how the [JPSP](#) scripts are working prior to and during conferences pulling the proceedings together but want to concentrate on what is needed after everything is processed and tidied up for publication.

As an introduction I've copied slides over from my TM2021 presentation ([JPSP – Scripting Overview](#) published on JACoW's wiki TM'21) and extended them for this talk.

* Post Conference Proceedings Production

* Post Conference

- Proceedings Entry Page

layout selection: horizontal/vertical/mixed

contents collection: Foreword, Committees, Photos, Booklets, etc.

- Keyword Generation

problem solving if no keywords are found

- Web Page Consistency

broken links, orphaned files, etc. ⇒ Xenu

- Proceedings Production

- InspireHEP Dataset

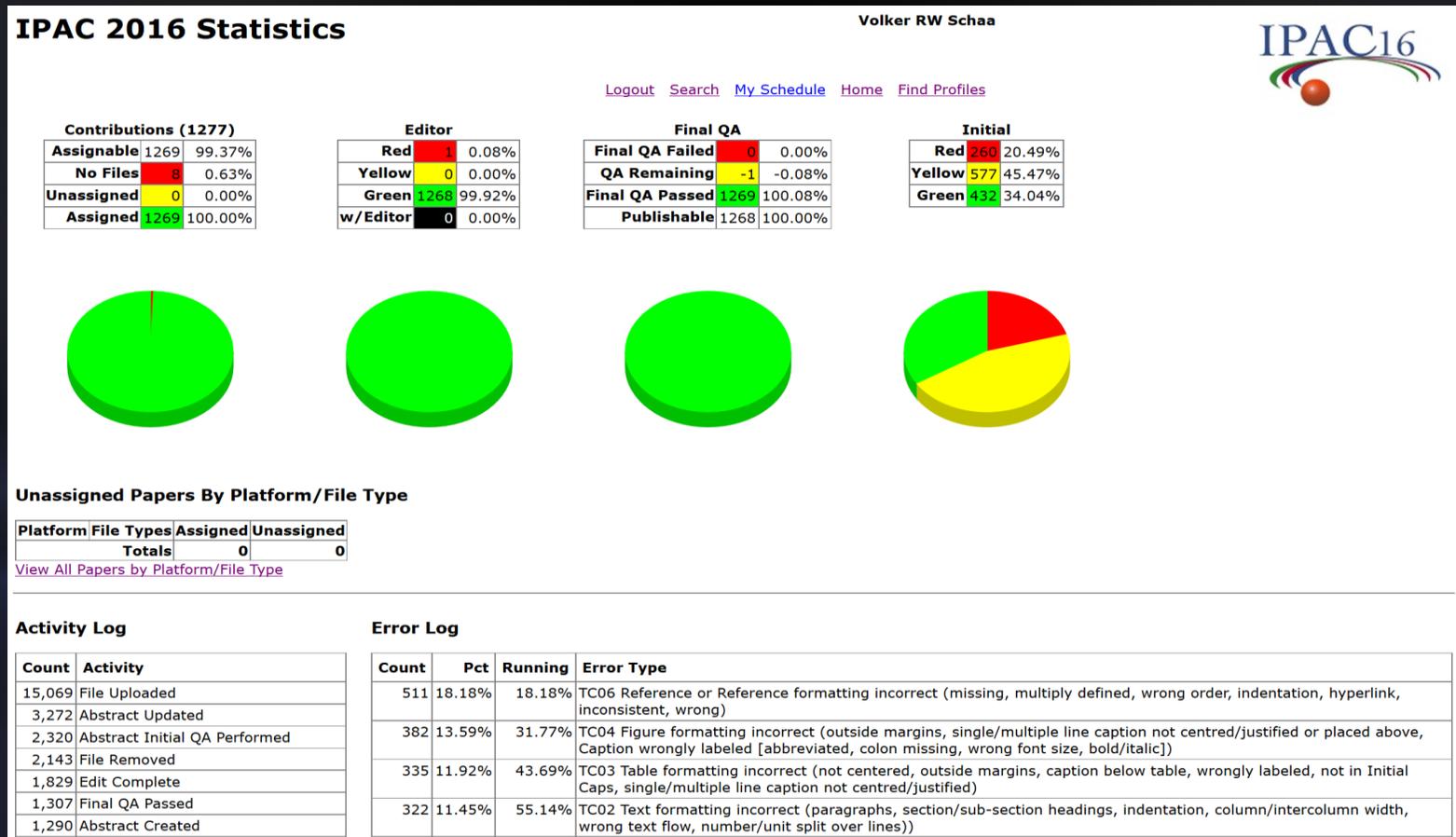
- DOI generation and registration with DataCite[®]

- Metadata – Hidden Value

* Preparations for Proceedings Publication

- file threshold ≤ 2
- No unassigned files

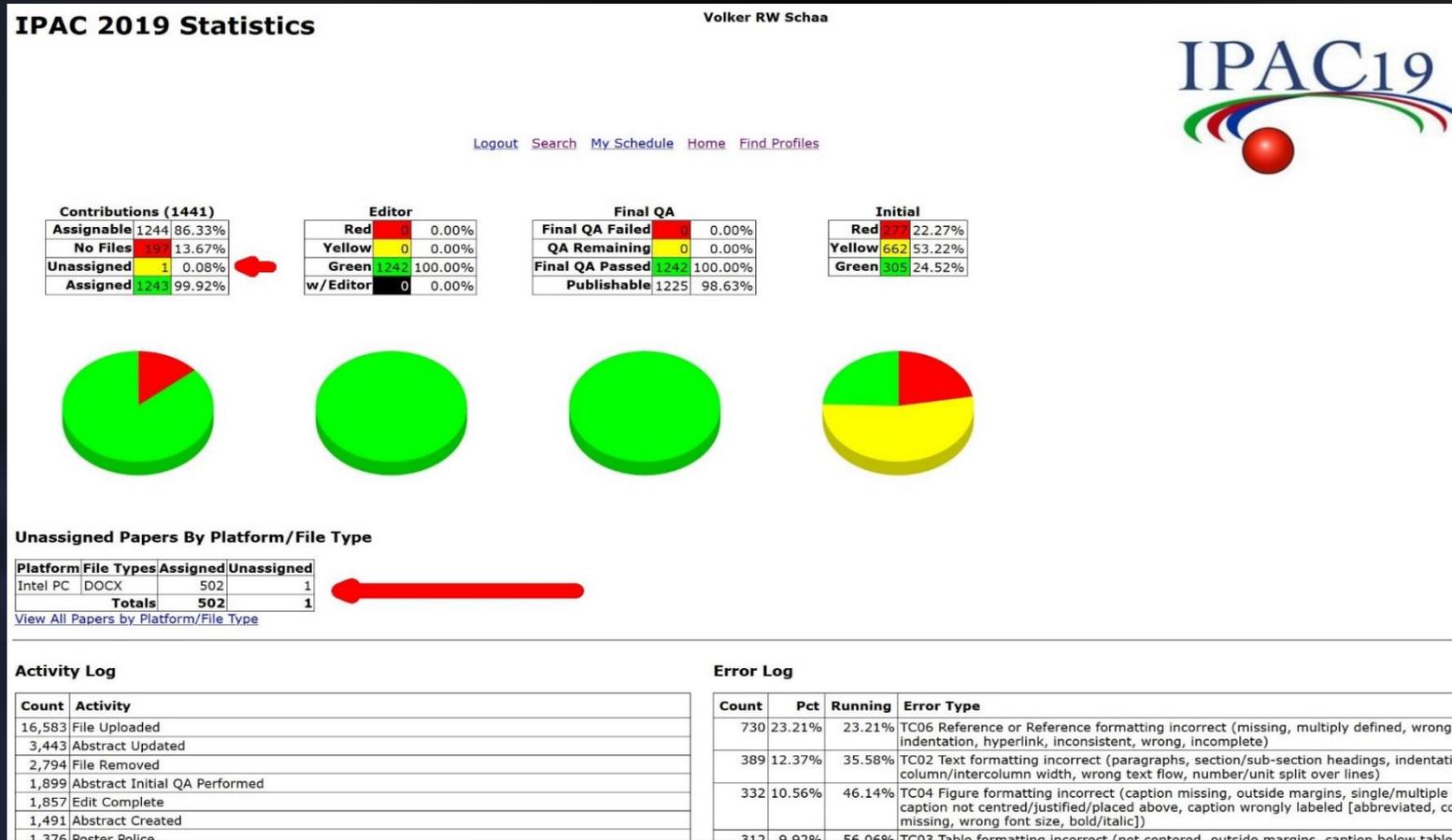
Your status page might look like this



* Preparations for Proceedings Publication

- file threshold ≤ 2
- No unassigned files

... it should not look like this



* Preparations for Proceedings Publication

- The log shows

IPAC 2019 Abstract Log Volker RW Schaa

[Logout](#) [Search](#) [My Schedule](#) [Home](#) [Find Profiles](#)

Owner is: Hushan Xu

ID 1219

Paper ID TUYPLS2

Title Development of Accelerator Driven Advanced Nuclear Energy and Nuclear Fuel Recycling

Authors Hushan Xu, Long Gu, Yuan He, Zhi Qin, Zhiguang Wang, Zhijun Wang, Lei Yang, Junhui Zhang, Xueying Zhang (IMP/CAS, Lanzhou), Wen-Long Zhan (

- **File Uploaded** [David Taylor Button 08-JUL-19 05:54:07 (Europe/Berlin)] TUYPLS2_TALK.PPTX
- **File Uploaded** [David Taylor Button 08-JUL-19 05:53:42 (Europe/Berlin)] TUYPLS2_TALK.PDF
- **File Uploaded** [David Taylor Button 08-JUL-19 05:53:20 (Europe/Berlin)] TUYPLS2.docx
- **File Uploaded** [David Taylor Button 08-JUL-19 05:52:31 (Europe/Berlin)] TUYPLS2.PDF
- **Email:** [05-JUL-19 07:50:03 (Europe/Berlin)] [IPAC19 Proceedings now published at JACoW.org](#)
- **Email:** [28-MAY-19 08:54:47 (Europe/Berlin)] [IPAC'19 Proceedings Pre-release](#)
- **Email:** [24-MAY-19 06:21:43 (Europe/Berlin)] [IPAC'19 Post Conference Survey](#)
- **Email:** [22-MAY-19 01:10:04 (Europe/Berlin)] [IPAC 2019 Transparency Processing Status](#)

- David cleaned his work place after finishing the edit?!
- Be careful when acting as Admin as you can do things without being assigned editor

* Preparations for Proceedings Publication

- File threshold ≤ 2
- No unassigned files (check **PDFonly** option in SPMS!)
- No report shows a problem:
 - no “broken papers“ + “page check“ OK + no “tearing boxes“
- All papers have **GREEN** status and are publishable
 - QA is done; poster police entries have been made (or disabled)
- All Author change requests are answered
- **Talks/Slides** publication:
No author rejected publication or requested changes/removal of slides?
problematic as exchanges could be to the transparency editor's pm or administrator; never listed in LOG)
- when **Posters** are published:
PDF files checked (displayable and fonts embedded)?
- when **Videos** are published:
check the interface (Vimeo/Youtube), accessibility (Vimeo!), check size (use Handbrake for compression, mp4/mvk)
- Check that SPMS' **TOC** is updated

* Preparations for Proceedings Publication (cont.)

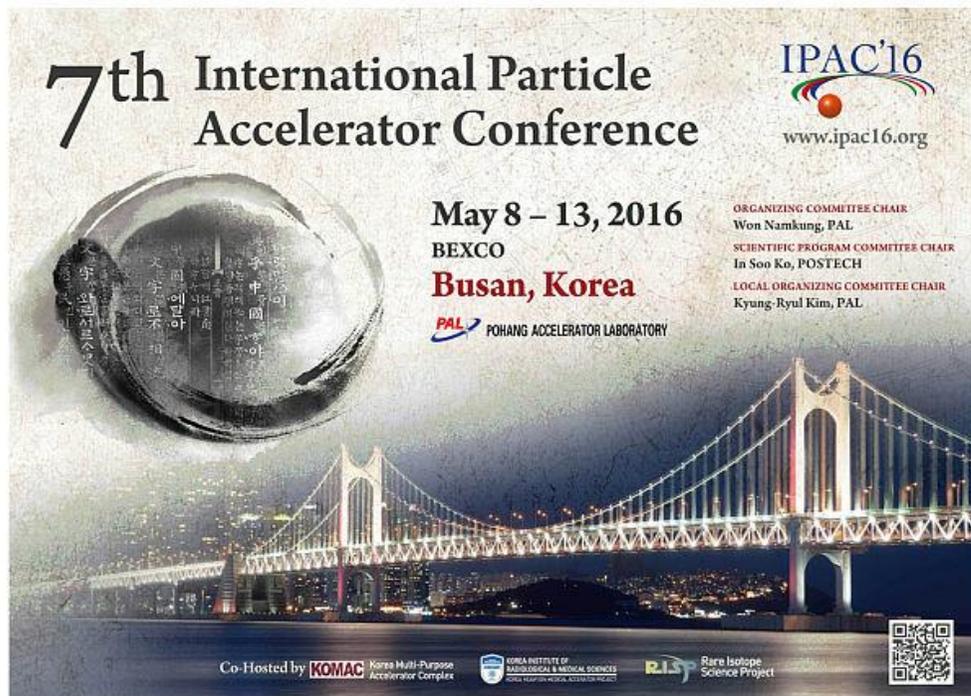
- All entries in the config file are correct?
 - ISBN
 - ISSN? (currently **no** ISSN for SAP, ABDW-Ecloud, ABDW-HF, EBIST)
 - conference specific data (name, site, title, date, series, number, editors, ...)
 - editorial board complete with affiliation, ORCID/JACoWid, email address)
 - data export enabled (DOI [**10.18429**], bibliography/citation)
 - skipping sessions and papers set (no shows) filled correctly
 - full PDF download enabled (**pdf_update_only = 0**)
 - proceedings volume setting (generate proceed.pdf/proceed1.pdf)
 - number of papers per author in **Author List** for proceedings volume generation is set correctly (one or two columns?, 2–6 depending on **Paper_code** length)

* Proceedings Entry Page

- decide on layout
 - mostly predetermined by conference poster format
 - there are many proceedings to copy from
 - it's nice to stay in a layout of the series
- gather material beside proceedings
 - Chairman's Foreword
 - Committees list
 - Participants list
 - Abstract, Particle Accelerator Projects and Upgrades Booklet, etc.
 - Conference photos / Group photo
- prepare material
 - list for committees, participants (html or pdf)
 - photo album (jAlbum; **size <5% of scientific material!**)

* Proceedings Entry Page “horizontal-mix”

IPAC2016 Proceedings of the 7th International Particle Accelerator Conference



- Preface
- Committees
- List of Participants
- Conference Photographs

Index of papers by:

- Session
- Classification
- Author
- Institute
- DOIs per Institute
- Keyword



Editorial Board: **Christine Petit-Jean-Genaz** (CERN), **Dong Eon Kim** (PAL),
Kyung Sook Kim (PAL), In Soo Ko (POSTECH),
Kyung Ryul Kim (PAL), Volker RW Schaa (GSI)

June 2016

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ISBN 978-3-95450-147-2

* Proceedings Entry Page “full horizontal”

FEL2017 Pre-Press Release of the Proceedings of the 38th International Free-Electron Laser Conference



Index of papers by:

- Session
- Classification
- Author
- Institute
- DOI-per-Institute
- Keyword
- Proceedings Volume [~150 MB]
The complete volume of papers
- Proceedings at a glance [~60 MB]
*First page only of all papers with
hyperlinks to complete versions*
- Conference Booklet [1.6 MB]
*Program, conference information,
and all abstracts*
- Foreword
- Committees
- Participants
- Photos

Editors: Kip Bishopsberger (LNL), Volker RW Schaa (GSI)

Nov 2017

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ISBN 978-3-95450-179-3

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.



12 - 17 June 2022

Organizing Committee Chair
Prapong KLYSUBUN, SLRI, Thailand

Scientific Program Committee Chair
Hitoshi TANAKA, RIKEN, Japan

Local Organizing Committee Chair
Porntip SUDMUANG, SLRI, Thailand

IMPACT FORUM
Muangthong Thani
Bangkok, Thailand

Registration & abstract
submission opens
September 2021



www.ipac22.org

Index of papers by:

- [● Session](#)
- [● Author](#)
- [● DOI per Institute](#)
- [● Classification](#)
- [● Institute](#)
- [● Keyword](#)

- [● IPAC'22 Proceedings Volume](#) [995 MB]
The complete volume of papers
- [● IPAC'22 Proceedings at a glance](#) [214 MB]
First page only of all papers with hyperlinks to complete versions
- [● IPAC2022 Guide Book](#) [70 MB]
Venue, Awards, Scientific Program, and Events
- [● IPAC'22 Particle Accelerator Projects and Upgrades Booklet](#) [1.5 MB]
The complete volume of papers
- [● IPAC'22 Student Poster Session Guide](#) [2 MB]
Information about the Student Poster Session

- [● IPAC'22 Preface](#)
- [● IPAC'22 Committees](#)

IPAC2022 was organized by the **Synchrotron Light Research Institute (SLRI)** in Nakhon Ratchasima, Thailand and hosted at the **IMPACT Exhibition and Convention Center** in **Bangkok, Thailand** ✖ **12–17 June 2022**

Editorial Board:

Frank Zimmermann (CERN), Hitoshi Tanaka (RIKEN),
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Christine Petit-Jean-Genaz (CERN), Volker RW Schaa (GSI)

July 2022

*Features & Metadata

* Features

- DOI for conferences proceedings
an additional DOI is generated, which points directly to the proceedings:

<https://doi.org/10.18429/JACoW-IPAC2022>

brings you to the proceedings entry page

doi.org/10.18429/jacow-ipac2022

as well as there is no rule to case

- Dates for **Received** / (**Revised** /) **Accepted** / **Issue Date** for all papers
- ISSN/ISBN imprint on papers

- * Generation of bibliographic data: for each submission **BibT_EX**, **L^AT_EX**, **XML**, **Endnotes**, and **RIS** records are provided. In addition **RIS** records containing all publications per institute are generated or easier import.
- * **DOIs**: generation of web pages to provide “landing site”; XML records for DOI registration; generation of a bash script to register all produced DOIs of a conference with Datacite[®].
- * **XMP module**: Meta data incorporated in PDF files:
 - * pdfauthor: **list of authors (with Unicode alternative when available)**
 - * pdfcreationdate
 - * pdfkeywords: **list of found keywords**
 - * pdflang: **English**
 - * pdfsubject: **main classification [+ sub classification]**
 - * pdftitle: **title of paper**
 - * pdfcontacturl: **<https://www.jacow.org>**
 - * pdfcopyright: **CC by 3.0/4.0**
 - * pdfdoi: **10.18429/JACoW-<conference>-<paper code>**
 - * pdfeissn: **electronic series ISSN**
 - * pdfisbn: **conference ISBN**
 - * pdfisbn: **conference ISBN**
 - * pdflicenseurl: **<https://creativecommons.org/licenses/by/3.0/> or [/4.0/](https://creativecommons.org/licenses/by/4.0/)**

* Metadata (cont.)

- * pdfnumpages: start page + end page in proceedings of conference
- * pdfpublication: Proceedings of <conference_name>
- * pdfpublisher: JACoW Publishing, Geneva, Switzerland
- * pdfpubtype: Journal
- * pdfurl: [https://www.jacow.org/<conference_name>/papers/<paper code>.pdf](https://www.jacow.org/<conference_name>/papers/<paper_code>.pdf) points to the complete URL of the document
- * pdfpubstatus: not filled (yet) as it provide “states” of a PDF which might conflict with our final version concept, as JACoW is not a pre-press publication cite like [arXiv](#). Possible values:
 - * »AO« Author’s Original
 - * »SMUR« Submitted Manuscript Under Review
 - * »AM« Accepted Manuscript (best fitting type)
 - * »P« Proof
 - * »VoR« Version of Record
 - * »CVoR« Corrected Version of Record (might sometimes apply after correction)
 - * »EVoR« Enhanced Version of Record

* Metadata (cont.)

- * **Highwire Press Metatag**: Metadata incorporated in web pages [all pages with bibliographic data for one submission] for search-engine and AI driven discovery (i.e. [Google Scholar](#), [PubMed](#), and other scientific web crawlers).
- * see for example <view-source:https://jacow.org/ipac2022/export/THPOPT014-bib.htm>
- * `<meta name="citation_title" content="Simulation and Optimization of SPS-II Linac" />`
- * `<meta name="citation_author" content="Chanwattana, Thakonwat" />`
- * `<meta name="citation_author" content="Chunjarean, Somjai" />`
 - * more co-authors
- * `<meta name="citation_date" content="2022/07" />`
- * `<meta name="citation_publication_date" content="2022/07/01" />`
- * `<meta name="citation_publisher" content="JACOW Publishing, Geneva, Switzerland" />`
- * `<meta name="citation_firstpage" content="2590" />`
- * `<meta name="citation_lastpage" content="2593" />`
- * `<meta name="citation_doi" content="10.18429/JACoW-IPAC2022-THPOPT014" />`
- * `<meta name="citation_isbn" content="978-3-95450-227-1" />`
- * `<meta name="citation_issn" content="2673-5490" />`
- * `<meta name="citation_keywords" content="linac, simulation, synchrotron, emittance, storage-ring" />`
- * `<meta name="citation_language" content="en" />`

* Metadata (cont.)

- * `<meta name="citation_conference_title" content="13th Int. Part. Accel. Conf. (IPAC'22), Bangkok, Thailand, 12-17 June 2022" />`
- * `<meta name="citation_pdf_url" content="https://jacow.org/ipac2022/papers/thpopt014.pdf" />`

These are the standard tags of [Highwire Press](#). In addition some other tags are supplied as recommended by [Google Scholar](#): but these are just repetitions of the previously given metadata tags under a different name schema ([DC: Dublin Core](#)).

```
<meta name="DC.creator" content="Chanwattana, Thakonwat" />
  more "DC.creator" records
<meta name="DC.issued" content="2022/07" />
<meta name="dcterms:issued" content="2022" />
<meta name="DC.title" content="Simulation and Optimization of SPS-II Linac" />
<meta name="DC.publisher" content="JACOW Publishing, Geneva, Switzerland" />
<meta name="DC.citation.spage" content="2590" />
<meta name="DC.citation.epage" content="2593" />
<meta name="DC:identifier" content="info:doi/10.18429/JACoW-IPAC2022-THPOPT014" />
<meta name="dcterms:isPartOf" content="urn:ISSN:2673-5490" />
<meta name="dcterms:isPartOf" content="urn:ISBN:978-3-95450-227-1" />
<meta name="DC.subject" content="linac, simulation, synchrotron, emittance, storage-ring" />
<meta name="citation_language" content="en" />
<meta name="dcterms:bibliographicCitation" content="13th International Particle Accelerator Conference (IPAC'22), Bangkok, Thailand, 12-17 June 2022" />
<meta name="DC.identifier" content="https://jacow.org/ipac2022/papers/thpopt014.pdf" />
```

* Questions?

JACOWV.org

JPSP

- * JACoW Proceedings Script Package
- * development started 2001/2 on OpenVMS and Windows after visiting John and Chris to get introduced in existing JACoW scripts
- * first conferences using the scripts: DIPAC'03, LINAC'04 and EPAC'04
- * named JPSP since 2006 (before Wrapper Scripts)
- * actual development version 34.9 (2022-10-21)
- * runs on MacOS, Linux, Windows
- * >20k lines of Perl code

DC

- * Dublin Core
also known as the **Dublin Core Metadata Element Set (DCMES)**, is a set of fifteen “core” elements (properties) for describing resources. This fifteen-element Dublin Core has been formally standardized as **ISO 15836**