Activity Report
Regional Support Centres

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Also on behalf of

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JACoW Team Meeting - November 2024

Our beloved SPMS is dead… or almost

➢ **Out-phasing of SPMS**

  ❖ Since 2022, no new SPMS instances were set up

  ❖ All new conferences are deployed as Indico events

  ❖ The last SPMS-powered conferences took place in 2023

  ❖ The SPMS user-interface functionality is generated by code inside the Oracle database

  ❖ The SPMS functionality is required up to the publication of the proceedings, after which some of the conference data can be repatriated to the Central Repository

➢ **Central Repository**

  ❖ Oracle database with people's profiles, institutes,…

  ❖ Used for JACoW login, announcements by email,…

  ❖ SPMS web interface on the Central Repository is still used by administrators

> Nevertheless, technical support was still required throughout the year for several issues, minor and major (security)

> Discussed in depth during the pre-meeting yesterday
> Only very limited set of data and functionality is still required
> Data migration and Indico development envisaged with a priority level
> Oracle-based Central Repository will remain without SPMS user interface

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JACoW Publications

➤ **JACoW's Mission = Publishing Conference Proceedings**

❖ Currently **257** conferences published; **+76'000** papers
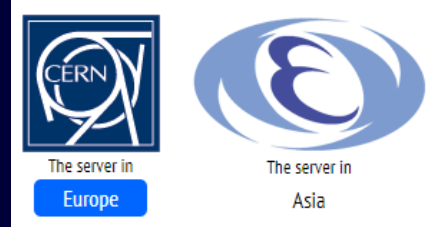
❖ **9** proceedings since the 2023 JACoW Team Meeting

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	25		⊞ABDW	1,594		⊞ABDW	1,566		⊞ABDW	102
⊞APAC	4		⊞APAC	1,076		⊞APAC	68		⊞APAC	
⊞BIW	3		⊞BIW	281		⊞BIW	66		⊞BIW	51
⊞COOL	9		⊞COOL	348		⊞COOL	294		⊞COOL	56
⊞Cyclotrons	22		⊞Cyclotrons	2,807		⊞Cyclotrons	332		⊞Cyclotrons	93
⊞DIPAC	7		⊞DIPAC	768		⊞DIPAC	77		⊞DIPAC	53
⊞ECRIS	7		⊞ECRIS	355		⊞ECRIS	242		⊞ECRIS	65
⊞EPAC	11		⊞EPAC	9,074		⊞EPAC	294		⊞EPAC	
⊞FEL	15		⊞FEL	2,782		⊞FEL	662		⊞FEL	88
⊞HIAT	5		⊞HIAT	310		⊞HIAT	221		⊞HIAT	19
⊞IBIC	12		⊞IBIC	1,755		⊞IBIC	426		⊞IBIC	696
⊞ICALEPCS	14		⊞ICALEPCS	4,098		⊞ICALEPCS	1,063		⊞ICALEPCS	1,584
⊞ICAP	5		⊞ICAP	360		⊞ICAP	263		⊞ICAP	8
⊞IPAC	15		⊞IPAC	17,905		⊞IPAC	1,291		⊞IPAC	400
⊞LINAC	32		⊞LINAC	6,134		⊞LINAC	620		⊞LINAC	258
⊞MEDSI	4		⊞MEDSI	451		⊞MEDSI	166		⊞MEDSI	242
⊞NA-PAC	4		⊞NA-PAC	1,367		⊞NA-PAC	524		⊞NA-PAC	187
⊞PAC	24		⊞PAC	19,316		⊞PAC	556		⊞PAC	
⊞PCaPAC	7		⊞PCaPAC	488		⊞PCaPAC	233		⊞PCaPAC	186
⊞RuPAC	9		⊞RuPAC	1,481		⊞RuPAC	400		⊞RuPAC	59
⊞SAP	2		⊞SAP	93		⊞SAP			⊞SAP	
⊞SRF	21		⊞SRF	3,362		⊞SRF	549		⊞SRF	483
Grand Total	**257**		**Grand Total**	**76,205**		**Grand Total**	**9,913**		**Grand Total**	**4,630**

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JACoW Publications 2024

Conference proceedings are normally generated and provided by the Conference "Editor-in-Chief"

The final QA check and web-publication is done by Kazuro Furukawa (KEK server) and Ronny Billen (CERN server)

Publication Date	Conference	Papers (count)	Talks (count)	Posters (count)	Photos / Videos (MB)	Total (MB)	Proceedings Generation
22-Dec-2023	IBIC-2023	111	40	61	4	1625	Volker Schaa
30-Jan-2024	ICALEPCS-2023	338	152	189	5	2189	Volker Schaa
12-Feb-2024	FLS-2023	65	89	8	8	686	Volker Schaa
28-Feb-2024	ICALEPCS-1991	149	0	0	65	174	Volker Schaa, scanned
4-Apr-2024	HB-2023	142	118	50	0	1560	Volker Schaa
8-Jul-2024	IPAC-2024	1054	87	0	22	4915	Ivan Andrian (CAT tool)
22-Jul-2024	MEDSI-2023	107	41	49	0	1545	Volker Schaa
3-Sep-2024	COOL-2023	29	30	13	0	375	Volker Schaa
28-Oct-2024	LINAC-2024	231	82	0	0	1572	Kelly Jaje (CAT)

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Note:

Due to the technological obsolescence of the CERN/JACoW Search Engine, certain functionalities have disappeared (e.g. keyword search)
More importantly, papers generated by the CAT tool are <u>not</u> found by the CERN/JACoW Search Engine

The use of the new CERN search engine for JACoW is under discussion

Another Significant Issue to Follow Up

➢ **Out-phasing JACoW Search Engine**

  ❖ Obsolete technology and underlying file management system

  ❖ Discussed between IT experts from CERN and Elettra to establish implementation roadmap

  ❖ New API to be implemented to reproduce JACoW Search functionality

> Discussed in depth during the pre-meeting yesterday
> Development work required, "not rocket science"
> Resource availability to be confirmed in the coming weeks
> Physical hosting to be decided with inherent maintenance and support

➢ **CAT generated conference proceedings**

  ❖ Currently 4 published proceedings, will be used for all future conferences

  ❖ Proceedings can be (easily) generated by non-experts

  ❖ Current JACoW Search Engine cannot find CAT generated proceedings papers

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Conclusions

➢ **The current/future required Support is shifting:**

  ❖ Away from SPMS, although not yet down to zero

  ❖ Towards Indico, as all conferences are now Indico-powered

  ❖ Towards the future Search Engine implementation

  ❖ Away from the concept of Regional Centres

  ❖ Away from "single-person shows" with implicit non-sustainable consequences

  ❖ Towards teams with shared knowledge to provide support

➢ **A vision with up-to-date technology and adequate approaches in a modernised environment is a necessity for JACoW's future**

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