



# JACoW Support for SPMS and Conference Proceedings at the Regional Support Centers

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# Outline

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- SPMS support activities
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# Support Activities of the three RSCs

## ➤ SPMS Database Administrator

- ❖ Setup SPMS database instances for each conference, hosted by its *Regional Support Centre* ([Europe](#) / [Asia](#) / [North-America](#))
- ❖ Provide technical support for SPMS questions, issues and problems
- ❖ Ensure connectivity between RSC-NA / RSC-Asia to the *central repository* hosted at [RSC-Europe](#), for all their hosted conferences
- ❖ Interact and communicate with other SPMS DBAs at RSCs

## ➤ JACoW Web-publisher

- ❖ Receive, Check and Publish Conference Proceedings on JACoW
  - Files from zip on server, modify and update 5 pages, check, inform
- ❖ Provide technical support for website questions, issues and problems
  - Automatic indexation failed once and was lost on two occasions
- ❖ Maintain the [jacow.org](#) domain name, paid till Oct-2021

# Lifetime of an SPMS Instance for a Conference

- **Creation after formal acceptance of Terms and Conditions**
  - ❖ Creation of dedicated database account at the RSC
  - ❖ Creation of database objects : latest SPMS from SourceFourge
  - ❖ Creation of web accessibility (Database Access Descriptors)
  - ❖ Initial configuration (title, dates, logo, admin roles,...)
  - ❖ Hand over SPMS administration to conference coordinator
- **During the period of exploitation**
  - ❖ Access via web interfaces for Administrator and Users
  - ❖ Automatic synchronization with central repository
  - ❖ Assistance from Regional Support Center and experts
- **After the conference**
  - ❖ Conference proceedings generation (Editor's responsibility)
  - ❖ Repatriation: keywords uploading, library data extraction (formerly OAI, SPIRES), currently INSPIRE (will be systematic)
  - ❖ Disable synchronization jobs

# SPMS Support: Instantiations for future conferences

Conference Start Date	Conference	version	In Sync.	SPMS hosting
11-Jan-2015	TM 2014	10.1.22	✓	RSC Asia
3-May-2015	IPAC 2015	10.1.22	✓	RSC North-America
7-Jun-2015	ERL 2015	10.1.20	✓	RSC North-America
23-Aug-2015	FEL 2015	10.1.22	✓	RSC Asia
6-Sep-2015	HIAT 2015	10.1.22	✓	RSC Asia
13-Sep-2015	IBIC 2015	10.1.22	✓	RSC Asia
1-Oct-2015	ICALEPCS 2015	10.1.22	✓	RSC Asia
8-May-2016	IPAC 2016	10.1.22	✓	RSC Asia
25-Sep-2016	LINAC 2016	10.1.22	✓	RSC North-America

RSC Europe

hosted at CERN

managed by Ronny Billen

RSC North-America

hosted at FNAL

managed by Matt Arena

RSC Asia

hosted at KEK

managed by Takashi Kosuge

RSC North-America will move the SPMS database and web server to stand-alone machines.

# SPMS Incidents and Problems

## ➤ January 2014 PCaPAC2014

- ❖ Accidental removal of Administrator role by Administrator
- ❖ Solved by Ronny

## ➤ May 2014 IPAC14

- ❖ Accidental registration of delegates as industrial exhibitors by PCO
- ❖ Solved by Matt

## ➤ Database migration 18-Nov-2014

- ❖ Sync repo failing from KEK instances
- ❖ Launched investigations by CERN/ IT
- ❖ Problem rapidly found
- ❖ New server ip added to exception list to go through firewall

# JACoW Publications

## ➤ JACoW's Mission = Publishing Conference Proceedings

- ❖ Currently 159 conferences published (~100GB)
- ❖ 13 since the last Team Meeting

Publication Date	Conference	Papers (count)	Talks (count)	Posters (count)	Photos (MB)	Total (MB)	Problems, Issues, <i>Comments</i>
19-Dec-2013	NA-PAC-2013	469	129	0	0	2440	
17-Feb-2014	IBIC-2013	246	46	96	43	1680	Removed .log .txt
10-Mar-2014	ECIS-2012	52	36	4	2	532	
11-Mar-2014	Icalepcs-2013	405	<b>134</b>	<b>250</b>	16	2250	
15-Apr-2014	Cyclotrons-1978	129	0	0	1	212	<i>Scanned</i>
6-May-2014	Cyclotrons-1984	146	0	0	8	146	<i>Scanned</i>
9-May-2014	Cyclotrons-1986	181	0	0	2	336	<i>Scanned</i>
30-May-2014	Cyclotrons-1989	142	0	0	1	144	<i>Scanned</i>
11-Jun-2014	Cyclotrons-1995	<b>157</b>	0	0	3	160	<i>Scanned</i>
12-Jun-2014	Cyclotrons-2013	147	60	4	41	709	
8-Jul-2014	IPAC-2014	<b>1296</b>	89	195		2220	Not final yet, no photos yet
10-Oct-2014	SRF-2013	295	67	6	1	<b>2470</b>	Page numbering issues, iterations
5-Dec-2014	RuPAC-2014	159	39	5	0	265	Missing keywords, 3 iterations; Removed external links

# Conclusions

## ➤ SPMS

- ❖ 11 live conference instances supported during 2014
  - 6 RSC Europe, 2 RSC Asia, 3 RSC North-America
- ❖ Database upgraded at RSC-Europe
- ❖ Support fully covered at all 3 RSCs, no major incidents
- ❖ SPMS instances for upcoming conferences up and running

## ➤ Web-publishing of Proceedings

- ❖ Instructions for proceedings generation are to be followed and executed rigourously
- ❖ 13 additional conferences published
- ❖ Smooth procedure, no major issues