

Importing data from the SPMS into the Conference Website

Stefano Deiuri, ELETTRA

Importing data from the SPMS into the Conference Website Website

A **website** is a collection of related web pages, images or other digital assets.

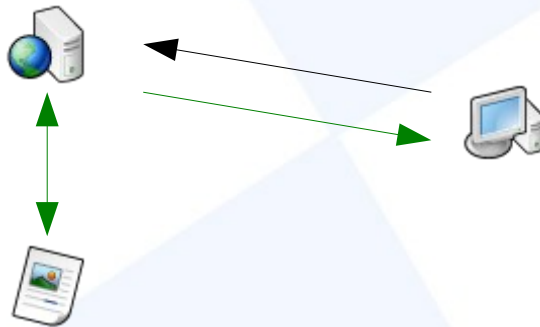
A website is hosted on a web server, accessible via a network such as the Internet.

SPMS is hosted on a webserver different of conference webserver.

Importing data from the SPMS into the Conference Website Web pages

A **web page** is a document, typically written in plain text interspersed with formatting instructions.

- **Static** web pages are stored on the server in the format that is sent to a client web browser.

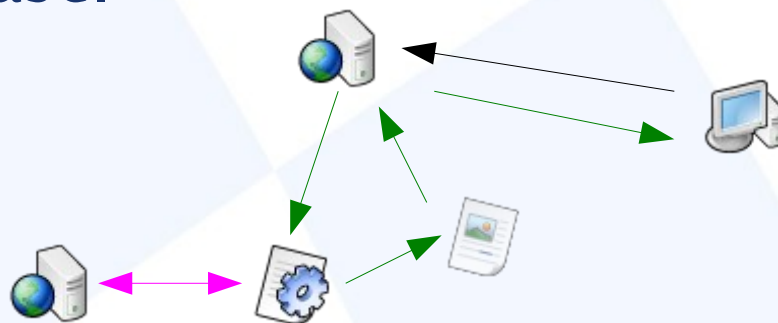


Importing data from the SPMS into the Conference Website

Web pages

A **web page** is a document, typically written in plain text interspersed with formatting instructions.

- **Static** web pages are stored on the server in the format that is sent to a client web browser.
- **Dynamic** web pages are displayed on the fly based on certain criteria, usually by retrieving content stored in a database.



Importing data from the SPMS into the Conference Website

Conference website

A conference website usually contains a mix of static and dynamic web pages.

If the information to display on a page are already available on a local or remote database (such as SPMS) is more convenient to use a script that generates it dynamically.

If the information to display don't change quickly we could schedule the script and save the output as a static page.

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Dynamic web pages on conference website with SPMS



The communication between the two servers is done as for web pages via http protocol, but in this case the data exchanged are rough, is the script that reworks them to display as desired.

Importing data from the SPMS into the Conference Website Participants

The **Participants** module import from SPMS:

- list of delegates and exhibitors
- statistics of registration

Importing data from the SPMS into the Conference Website Participants

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- list of delegates and exhibitors
- statistics of registration

```
...  
19/03/2008, 10, D  
19/03/2008, 1, S  
20/03/2008, 21, D  
21/03/2008, 3, D  
...
```

<http://oraweb.cern.ch/pls/epac08/ATT.regstats>

```
...  
"Boland", "Mark", "New Affiliation Request Pending", "Australia", "D"  
"Spencer", "Martin", "The Australian Synchrotron Project", "Australia", "D"  
"Conard", "Milo", "Particle Accelerator Consultants", "Belgium", "D"  
...
```

<http://oraweb.cern.ch/pls/epac08/ATT.attendees>

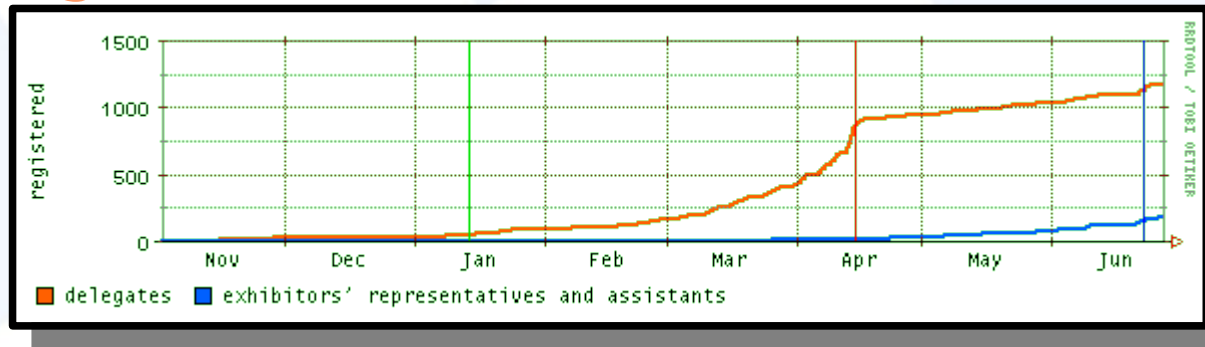
Importing data from the SPMS into the Conference Website Participants

The Participants module import from SPMS:

- list of delegates and exhibitors
- statistics of registration

then show a web page with:

- **graph of registration**



Importing data from the SPMS into the Conference Website Participants

The Participants module import from SPMS:

- list of delegates and exhibitors
- statistics of registration

then show a web page with:

- graph of registration
- delegates list
- exhibitors list

Delegates

Abe Mitsushi (Hitachi, Ltd. Power & Industrial Systems R&D Laboratory, Japan)

Abreu Natalia (Brookhaven National Laboratory Collider-Accelerator Department, United States of America)

Acar Mikail (European Organization for Nuclear Research TS Department, Switzerland)

Ackermann Wolfgang (Technische Universität Darmstadt Institut fuer Theorie Elektromagnetischer Felder, Germany)

Adachi Masahiro (UVSOR Facility Institute for Molecular Science, Japan)

Importing data from the SPMS into the Conference Website Participants

The Participants module import from SPMS:

- list of delegates and exhibitors
- statistics of registration

then show a web page with:

- graph of registration
- participants list
- exhibitors list
- **graph of countries**


Countries



Importing data from the SPMS into the Conference Website Participants

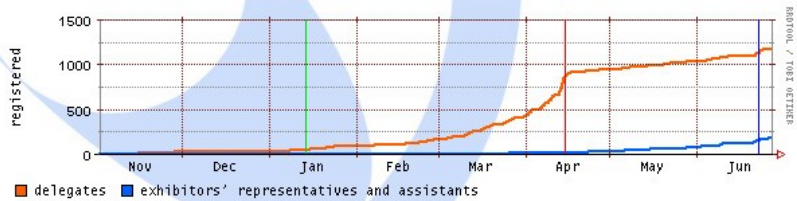
EPAC'08 11th European Particle Accelerator Conference

Magazzini del cotone, Genoa, Italy / June 23-27, 2008



- General
- Organization
- Accommodation
- Social Programme
- Registration
- Student Grants
- Internet Access
- Participants**
- Industrial Exhibition
- Scientific Programme
- Author info
- Useful tips
- Related Conferences

List of Participants



996 delegates, 152 exhibitors' representatives and assistants, from 38 countries (last update Fri, 14 Nov 2008 08:53:34 +0100)

Delegates

- Abe Mitsushi** (Hitachi, Ltd. Power & Industrial Systems R&D Laboratory, Japan)
- Abreu Natalia** (Brookhaven National Laboratory Collider-Accelerator Department, United States of America)
- Acar Mikail** (European Organization for Nuclear Research TS Department, Switzerland)
- Ackermann Wolfgang** (Technische Universitaet Darmstadt Institut fuer Theorie Elektromagnetischer Felder Dept. FB 18, Germany)
- Adachi Masahiro** (UVSOR Facility Institute for Molecular Science, Japan)
- Ader Christine** (Fermi National Accelerator Laboratory Accelerator Division, United States of America)
- Adli Erik** (University of Oslo Department of Physics, Norway)
- Afanasev Andrei** (Hampton University, United States of America)
- Aksoy Avni** (Ankara University Faculty of Engineering Department of Engineering Physics, Turkey)
- Al-Dmour Eshraq** (Consorci Font de Llum Sincrotron - CELLS, Spain)
- Alabau Maria del Carmen** (Laboratoire de l'Accélérateur Linéaire, France)
- Aleksandrov Alexander** (Oak Ridge National Laboratory Spallation Neutron Source, United States of America)
- Alesini David** (Istituto Nazionale di Fisica Nucleare Laboratori Nazionali di Frascati Accelerator Division, Italy)

Importing data from the SPMS into the Conference Website Exhibition Layout

The **ExhibitionLayout** module import from SPMS:

- list of taken booths

Importing data from the SPMS into the Conference Website Exhibition Layout

The **ExhibitionLayout** module import from SPMS:

- list of taken booths

Booth No. 63 Booth No. 64 Booth No. 65 Booth No. 66
Booth No. 67 Booth No. 68 Booth No. 69 Booth No. 70
Booth No. 71 Booth No. 72 Booth No. 73

<http://oraweb.cern.ch/pls/epac08/registration.getBoothStatus?mdc=541>

Importing data from the SPMS into the Conference Website Exhibition Layout

The **ExhibitionLayout** module import from SPMS:

- list of taken booths

and load from local server

- position of booths
- clean map

Importing data from the SPMS into the Conference Website Exhibition Layout

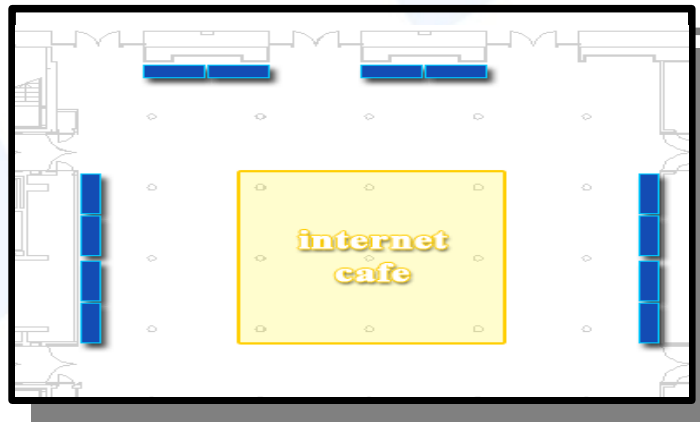
The **ExhibitionLayout** module import from SPMS:

- list of taken booths

and load from local server

- position of booths
- clean map

63=[180,35,215,46]
64=[55,35,90,46]
....



Importing data from the SPMS into the Conference Website Exhibition Layout

The **ExhibitionLayout** module import from SPMS:

- list of taken booths

and load from local server

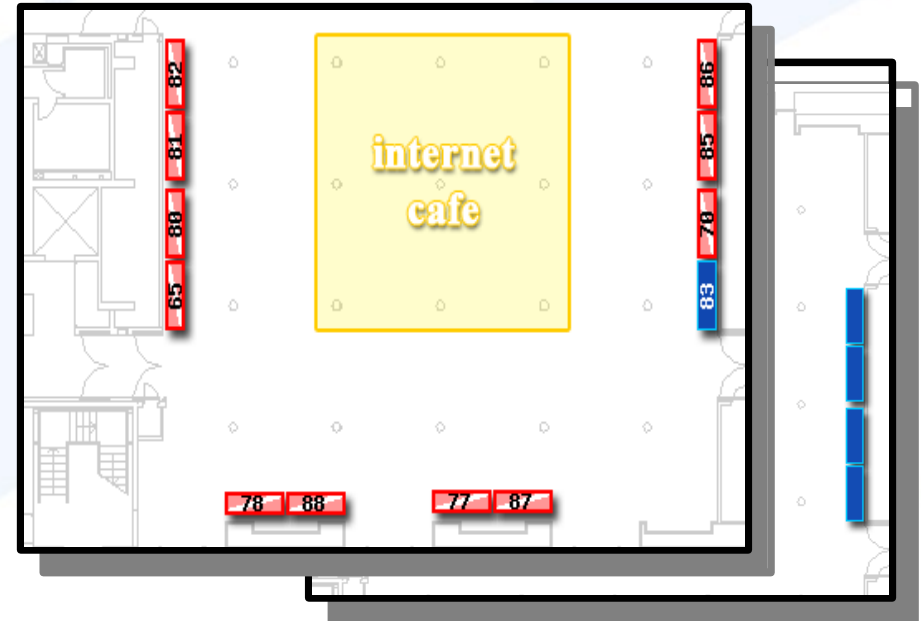
- position of booths
- clean map

Then redraw the map with free and taken booths

Importing data from the SPMS into the Conference Website Exhibition Layout

The **ExhibitionLayout** module import from SPMS:

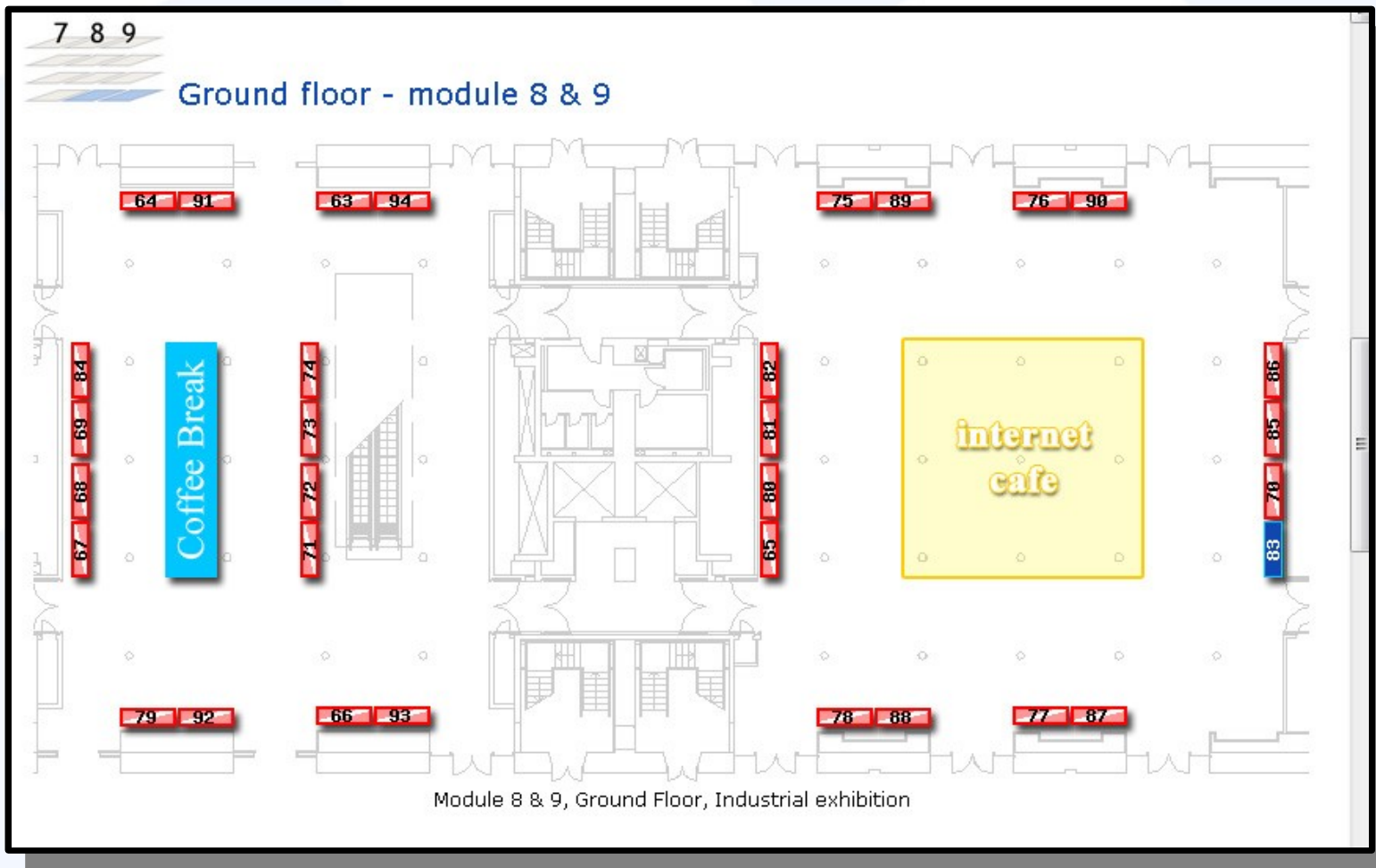
- list of taken booths
- and load from local server
- position of booths
 - clean map



Then redraw the map with free and taken booths.

The updated maps are loaded in the conference website and in the SPMS Industrial Exhibition Registration.

Importing data from the SPMS into the Conference Website Exhibition Layout



Importing data from the SPMS into the Conference Website Programme

The Programme module import from SPMS:

- xml with list of sessions
- xml for each session, with the data of talks: room, time, authors with affiliations, title, abstract, ...

Importing data from the SPMS into the Conference Website Programme

The Programme module import from SPMS:

- xml with list of sessions
https://oraweb.cern.ch/pls/epac08/spms_summary.xml
- xml for each session, with the data of talks: room, time, authors with affiliations, title, abstract, ...
<https://oraweb.cern.ch/pls/epac08/xml2.session?sid=XXXXX>

Total amount about 15MB (~50 sec)

Importing data from the SPMS into the Conference Website Programme

The Programme module import from SPMS:

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https://oraweb.cern.ch/pls/epac08/spms_summary.xml
- xml for each session, with the data of talks: room, time, authors with affiliations, title, abstract, ...
<https://oraweb.cern.ch/pls/epac08/xml2.session?sid=XXXXX>

Total amount about 15MB (~50 sec)

The script generates a page (100K) for each day and a file for each abstract (2K), it was decided to separate these elements in order to have a faster load.

Importing data from the SPMS into the Conference Website Programme

EPAC'08

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General

Organization

Industrial Exhibition

Scientific Programme

Programme

Oral Sessions

Invited

Contributed

Oral Programme Schedule

Guidelines for Speakers

Poster Sessions

Session Organization

Poster Preparation

Student Poster Session

Author info

Useful tips

Related Conferences

Scientific Programme

The [Synoptic Table \(PDF\)](#) provides an overview of all oral presentations scheduled during the conference.

third floor

second floor

first floor

ground floor

	Mon, 23 June	Tue, 24 June	Wed, 25 June	Thu, 26 June	Fri, 27 June
	Circular Colliders MOXAGM				
	Chair: C. Biscari (<i>Istituto Nazionale di Fisica Nucleare Laboratori Nazionali di Frascati</i>)				
09:30	F.Bordry (<i>European Organization for Nuclear Research AB Department</i>)				MOXAGM01
↓	Status of the LHC				
	Special Invited Oral Presentation MOXBGM				
	Chair: C. Biscari (<i>Istituto Nazionale di Fisica Nucleare Laboratori Nazionali di Frascati</i>)				
10:00	K.Nishikawa (<i>High Energy Accelerator Research Organization</i>)				MOXBGM01
↓	Neutrino Facilities: From Past to Present and Future				
10:30					Coffee Break
↓					
11:00					
	Synchrotron Light Sources and FELs MOYAGM				
	Chair: O.S. Brüning (<i>European Organization for Nuclear Research AB Department</i>)				
11:00	J.Rossbach (<i>Hamburg University Institut fuer Experimentalphysik</i>)				MOYAGM01
↓	Review of DESY FEL Activities				
	Linear Colliders, Lepton Accelerators and New Acceleration Techniques MOYBGM				
	Chair: O.S. Brüning (<i>European Organization for Nuclear Research AB Department</i>)				

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Importing data from the SPMS into the Conference Website Programme/ InfoMonitor

The data already processed by the Program module can be used by the module InfoMonitor to display during the conference information on the current and next session.

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In this case the script is executed automatically (by a server at the conference) every minute and the pages generated are saved locally.

Importing data from the SPMS into the Conference Website Programme/ InfoMonitor

The data already processed by the Program module can be used by the module InfoMonitor to display during the conference information on the current and next session.

In this case the script is executed automatically (by a server at the conference) every minute and the pages generated are saved locally.

With the same frequency the computers connected to the informative monitor reload (Firefox in fullscreen mode) the page to show the updated information.

Importing data from the SPMS into the Conference Website Programme/ InfoMonitor

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15:39

Current Session

	Circular Colliders	TUXG		Synchrotron Light Sources and FELs	TUXM	
	<i>Chair: R. Schmidt (European Organization for Nuclear Research)</i>			<i>Chair: J.-M. Filhol (Synchrotron Soleil)</i>		
09:00	J. Seeman (<i>Stanford Linear Accelerator Center</i>)	TUXG01	↓	09:00	J. Bengtsson (<i>Brookhaven National Laboratory National Synchrotron Light Source II</i>)	TUXM01
	Last Year of PEP-II B-Factory Operation				Ultra Low Emittance Light Sources	
09:30	V.D. Shiltsev (<i>Fermi National Accelerator Laboratory</i>)	TUXG02	↓	09:30	R. Bartolini (<i>Diamond Light Source Ltd</i>)	TUXM02
	High Luminosity Operation, Beam-Beam Effects and Their Compensation in TEVATRON				Performance and Trends of Storage Ring Light Sources	

Next Session

	Circular Colliders	TUOAG		Synchrotron Light Sources and FELs	TUOAM	
	<i>Chair: R. Schmidt (European Organization for Nuclear Research)</i>			<i>Chair: J.-M. Filhol (Synchrotron Soleil)</i>		
10:00	Y.M. Shatunov (<i>Russian Academy of Sciences The Budker Institute of Nuclear Physics</i>)	TUOAG01	↓	10:00	Z.T. Zhao (<i>Shanghai Institute of Applied Physics</i>)	TUOAM01
	VEPP-2000 Electron-Positron Collider Commissioning and First Results of Round Colliding Beam Tests				Commissioning Status of the Shanghai Synchrotron Radiation Facility	
10:20	J.Q. Wang (<i>Chinese Academy of Sciences Institute of High Energy Physics</i>)	TUOAG02	↓	10:20	S.L. Smith (<i>Science and Technology Facilities Council Daresbury Laboratory Accelerator Science and Technology Centre</i>)	TUOAM02
	Commissioning of BEPCII				The Status of the Daresbury Energy Recovery Linac Prototype	

Grecale

Grecale & Maestrale

Maestrale

Importing data from the SPMS into the Conference Website Programme/ InfoMonitor

EPAC'08

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16:03

Current Session

Circular Colliders TUXG

Chair: R. Schmidt (European Organization for Nuclear Research)


09:00 ↓	J. Seeman (<i>Stanford Linear Accelerator Center</i>) Last Year of PEP-II B-Factory Operation	TUXG01
09:30 ↓	V.D. Shiltsev (<i>Fermi National Accelerator Laboratory</i>) High Luminosity Operation, Beam-Beam Effects and Their Compensation in TEVATRON	TUXG02

Synchrotron Light Sources and FELs TUXM


Chair: J.-M. Filhol (Synchrotron Soleil)

09:00 ↓	J. Bengtsson (<i>Brookhaven National Laboratory National Synchrotron Light Source II</i>) Ultra Low Emittance Light Sources	TUXM01
09:30 ↓	R. Bartolini (<i>Diamond Light Source Ltd</i>) Performance and Trends of Storage Ring Light Sources	TUXM02

GrecaleGrecale & MaestraleMaestrale



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Importing data from the SPMS into the Conference Website Conclusions

- Scripts ran well for EPAC08
- IPAC10 use the same webserver configuration, probably with a few customizations the scripts will work
- Insert SPMS export function to web in the core?