

SPMS setup for DIPAC 2007

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DIPAC 2007 <http://www.elettra.com.trieste.it/dipac07>

8th European Workshop on Beam Diagnostics and Instrumentation for Particle Accelerators

- held every two years

- this year organized by ELETTRA on May 20th - 23rd

at nH Laguna Palace Hotel, Mestre, Venezia, Italia

elettra 8th European Workshop on Beam Diagnostics and Instrumentation for Particle Accelerators **FERMI @elettra**

DIPAC 2007

NH Laguna Palace
VENICE
Mestre
May 20 - 23, 2007

The biannual DIPAC workshop is the right opportunity for the exchange of the latest advances in the field of beam diagnostics and instrumentation for particle accelerators worldwide.

The scientific programme includes invited and contributed talks, poster sessions and discussion groups.

An industrial exhibition and a visit to ELETTRA and FERMI@elettra are also scheduled.

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Deadlines:
 abstract submission March 2, 2007
 early registration March 27, 2007

Hosted by Sincrotrone Trieste
<http://www.elettra.com.trieste.it/dipac07>

Hardware [\(felino.elettra.trieste.it\)](http://felino.elettra.trieste.it)

Intel Pentium 4 @ 2.8 Ghz

1 GB RAM

4 x 160 GB SATA Disks with RAID6

RAID6: striped set with dual distributed parity (two disks can safely fail)

Software

RedHat Enterprise Linux Advanced Server 4

**Oracle Database Server 10g Release 2 (10.2.0)
+ patches to 10.2.0.3**

Oracle Application Server 10g (10.1.3.1)

PHP 4.3.11 recompiled with CURL support

Troubles with Oracle

Patches are hard to find and not available for free

(thanks to Jeff Patton@ORNL)

Version 10g doesn't come with the web server

Oracle Application Server 10g needs to stop many services for a simple web server installation

Troubles with SPMS #1

Installation began with release 6.2

Subsequently patched to version 6.6, currently running

Several “typo” errors both in scratch installations and in patches

(promptly solved by Matt via mail!)

Troubles with SPMS #2

Sync with profiles repository @ CERN sometimes fails and does not notify the administrator

A bug, likely to be fixed in the next SPMS release, allows a user to login as another user who has not yet setup his/hers automatically created account

Too many characters in abstract submission form (not notified to user)

Suggestions for SPMS

Better documentation for installation

“Wiki” with experiences from users around the world

More verbosity while installing or executing the procedures (e.g. sync.repo)

Conclusion...

I'm done, thanks for the attention!