



# Summary Report from **DIPAC'11**

## 10<sup>th</sup> European Workshop on Beam Diagnostics and Instrumentation for Particle Accelerators

Michaela Marx, DESY, Hamburg, Germany

JACoW Team Meeting, November 2011, Shanghai

# DIPAC 2011 Summary Report – General Information

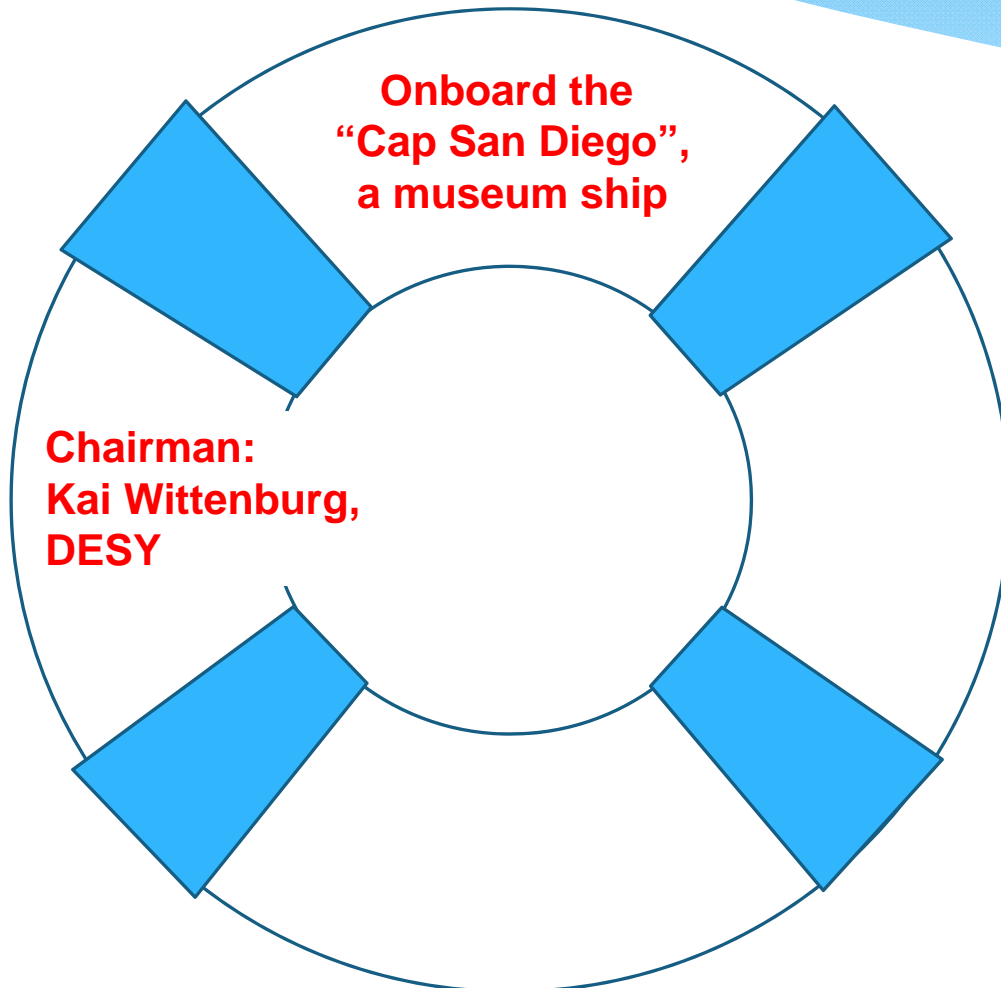
The 10th European Workshop on Beam Diagnostics and Instrumentation for Particle Accelerators, “DIPAC2011”, was held in Hamburg, Germany on May 16th -18th, 2011, hosted by DESY.



**Onboard the  
“Cap San Diego”,  
a museum ship**

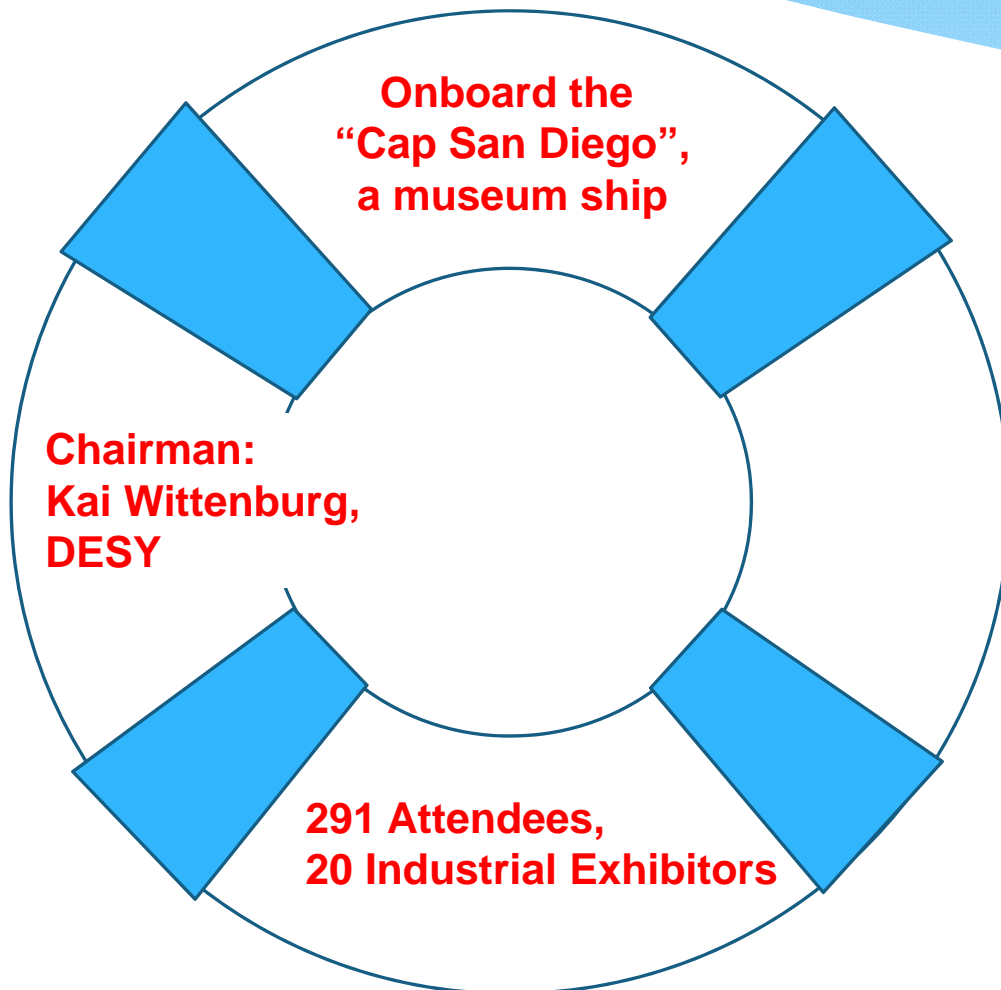
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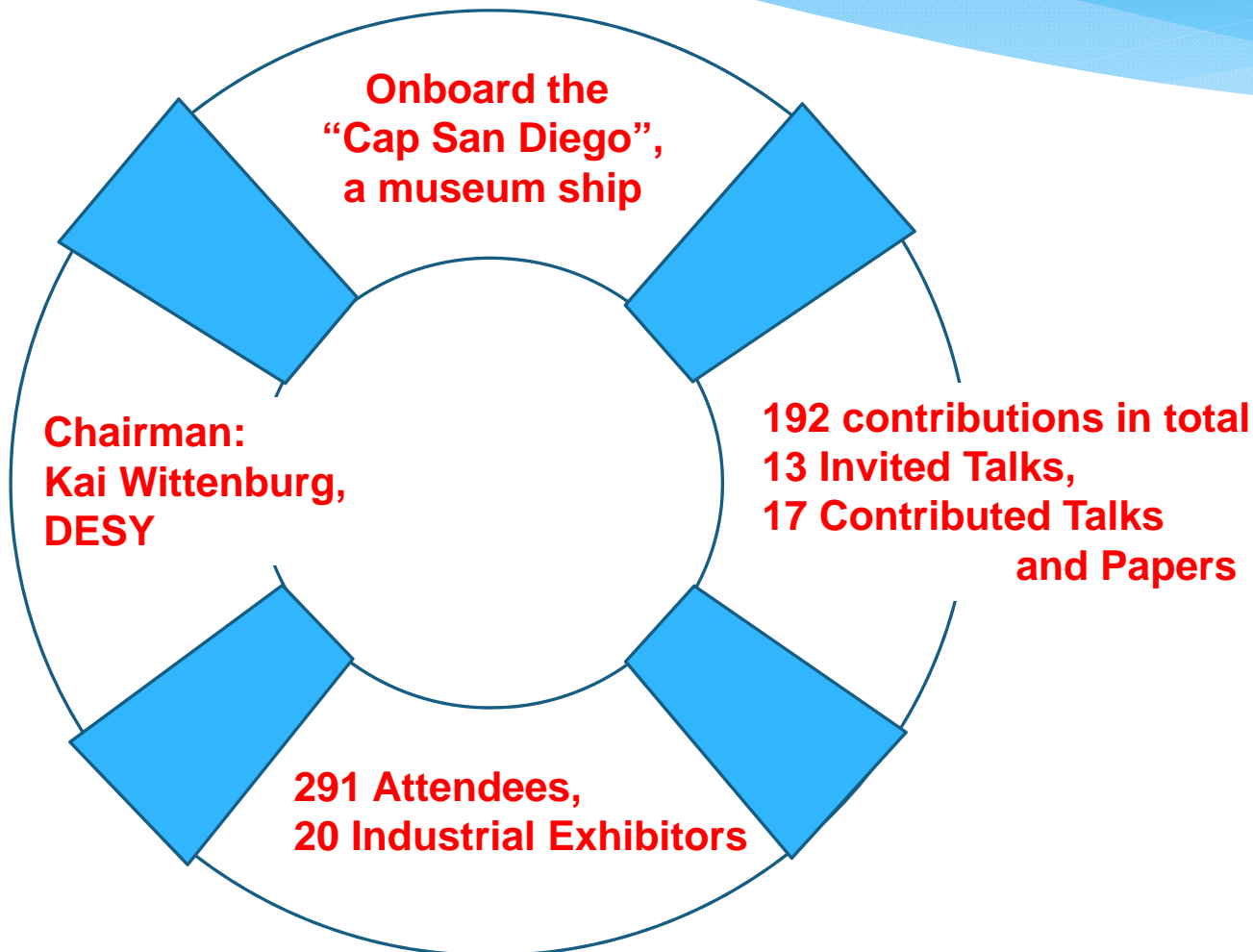
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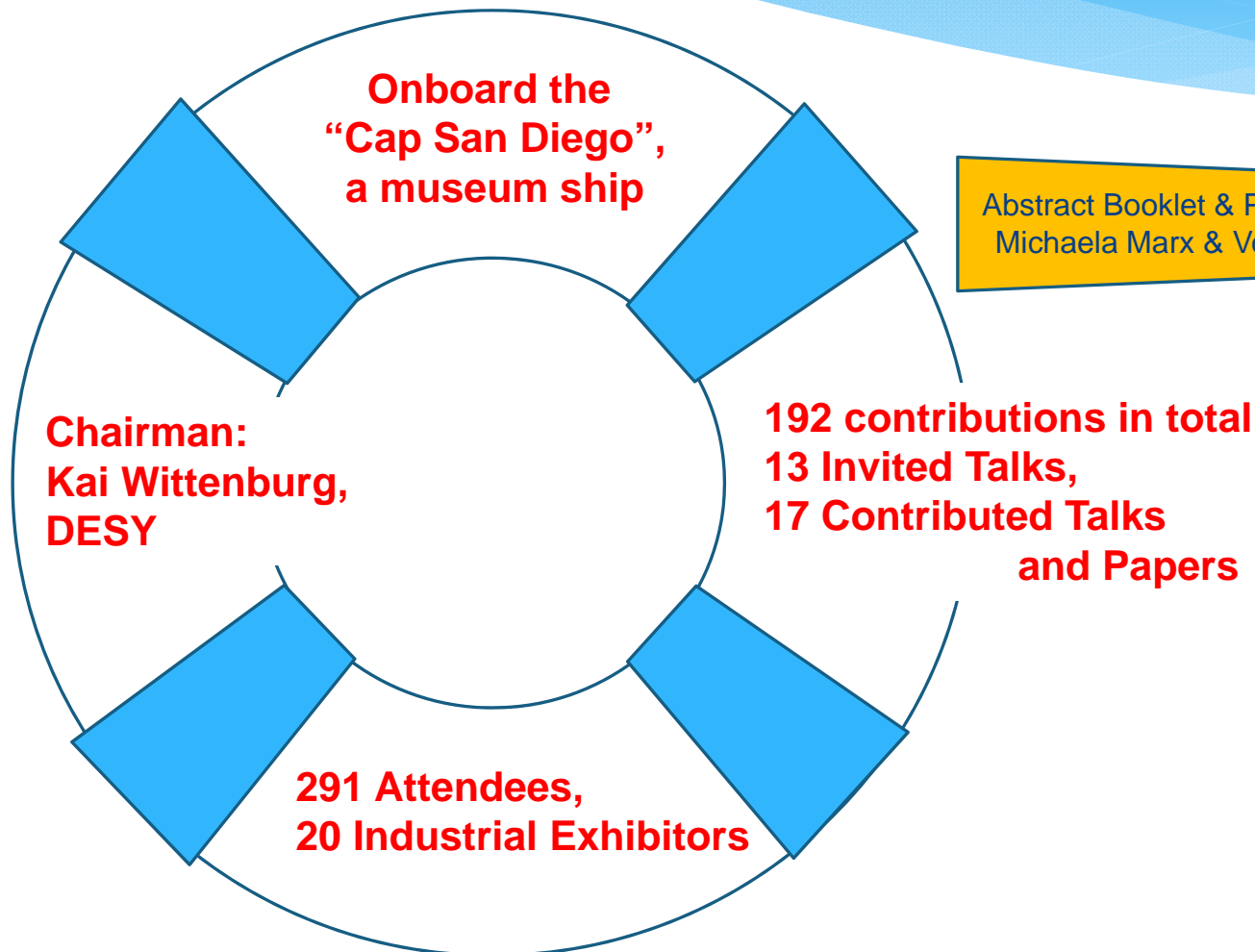
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Abstract Booklet & Proceedings:  
Michaela Marx & Volker Schaa

# DIPAC 2011 Summary Report – General Information



... really nice weather since weeks  
in Hamburg  
before the conference started ...



# DIPAC 2011 Summary Report – General Information

... which turned really bad on the day  
the conference started ...





# DIPAC 2011 Summary Report – SPMS

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The SPMS has been used for ...

- ▶ sending the conference announcement
- ▶ sending instructions and reminders to authors using the email utility
- ▶ ... the Program Committee to change/propose presentation types
- ▶ Abstract Submission, Paper Submission and Paper Processing

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## InDiCo was used for ...

- ▶ registration and payment

An ePayment plugin for InDiCo allowed credit card transactions through the web.

# DIPAC 2011 Summary Report – Proceedings Office

## Proceedings Office: Manpower

192 contributions

- ▶ 5 editors (4 advanced + 1 Trainee)
- ▶ started paper processing 4 days prior to the conference on the DESY campus
- ▶ processing of papers continued on the ship from Monday to Wednesday noon (May 16 – 18, 2011)

## Proceedings Office: Technical Equipment

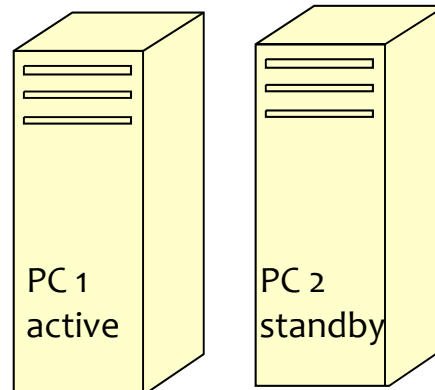
- ▶ Win7-PCs with Office 2010, Acrobat 9 and PitStop 10
- ▶ Jan brought his Macintosh Laptop to process Mac papers
- ▶ Volker brought his Linux Laptop to process LaTeX papers
- ▶ 1 color printer, 1 IP telephone

# DIPAC 2011 Summary Report – File Server

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## DIPAC'11 File Server

- ▶ To enable the file upload and download **2 DESY standard office PCs** were set up by a Linux expert running Scientific Linux SL 5.5. Stored data: ~7 Gb.

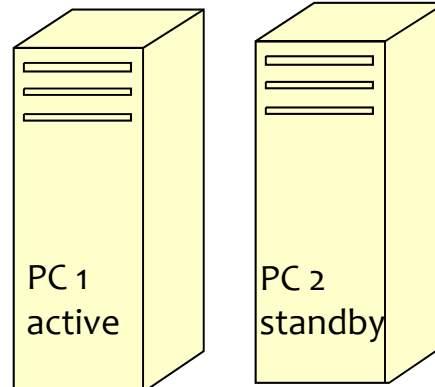




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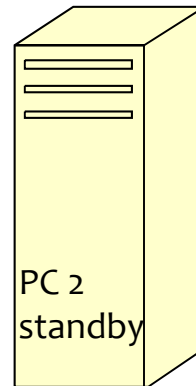
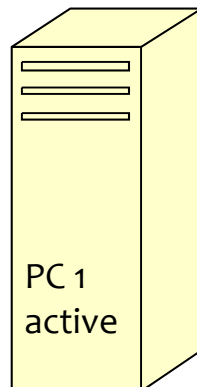
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### Pros

- + very easy setup for an expert
- + daily central backup service provided by DESY-IT
- + located on the DESY campus (due to high-speed 50 Mbit internet connection onboard the Cap San Diego)



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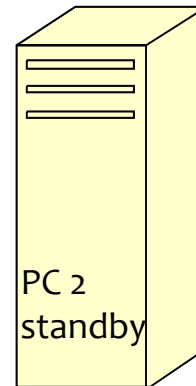
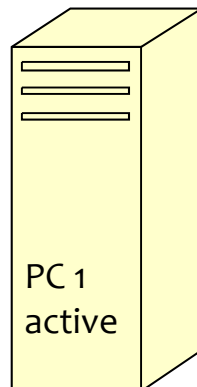
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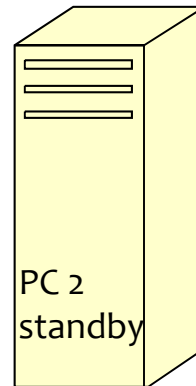
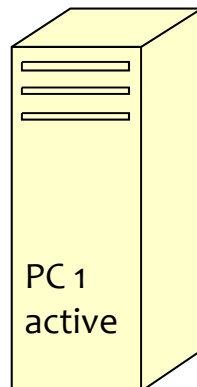
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- DESY security officer was not “amused”
- “Security by Obscurity”

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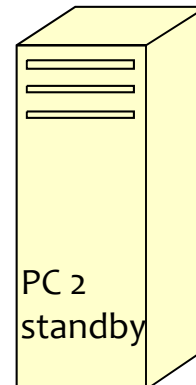
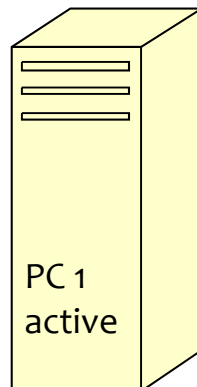
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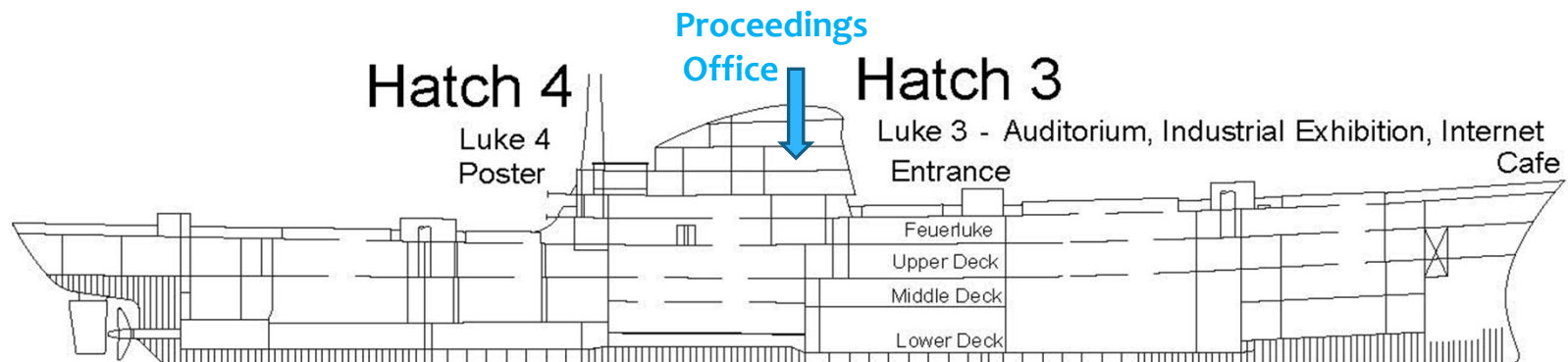
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- ▶ An “alarm script” was installed to log all(!) file upload activities → notification by email

# DIPAC 2011 Summary Report - Network

## Network Infrastructure onboard the Cap San Diego

- ▶ A bi-directional point-to-point radio system with a 50 Mbit connection has been set up by the DESY network group
- ▶ The challenge was to provide a broadband connection on different decks for the proceedings office, the registration desk, the internet café and the industrial exhibition





# DIPAC 2011 Summary Report - Network

Netv

**For the experts ...**

**Material used to establish the conference network:**

- **1 VPN/Firewall 100/1000 Mbit**
- **5 Access Points**
- **15 Switches 100/1000 Mbit**
- **360 RJ-45 Ports**
- **2500 m Data Cable**

► A b  
set up

► The  
proce  
exhibi

has been

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rial

n, Internet  
Cafe

Luke 4  
Poster

Lower Deck





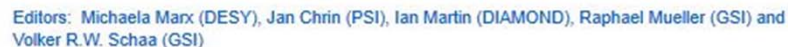
**Proceedings of the 10th European Workshop on  
Diagnostics and Instrumentation for Particle Accelerators**

The links below take you to Portable Acrobat files of the proceedings, together with slides from oral presentations. The 10th EWDI was the largest and the most successful of the series, and is now replaced by JACoW.

**Ready to be published  
on JACoW**

PROCEEDINGS VOLUME [104 MB]  
The complete volume of papers

DIPAC 2011 was hosted by  
DEUTSCHES ELEKTRONEN SYNCHROTRON  
and held aboard the museum freighter  
Cap San Diego, during May 16-18,  
2011 in Hamburg, Germany.



*The Photo gallery is by courtesy of Dirk Noelle (DESY) and Michaela Marx (DESY).*

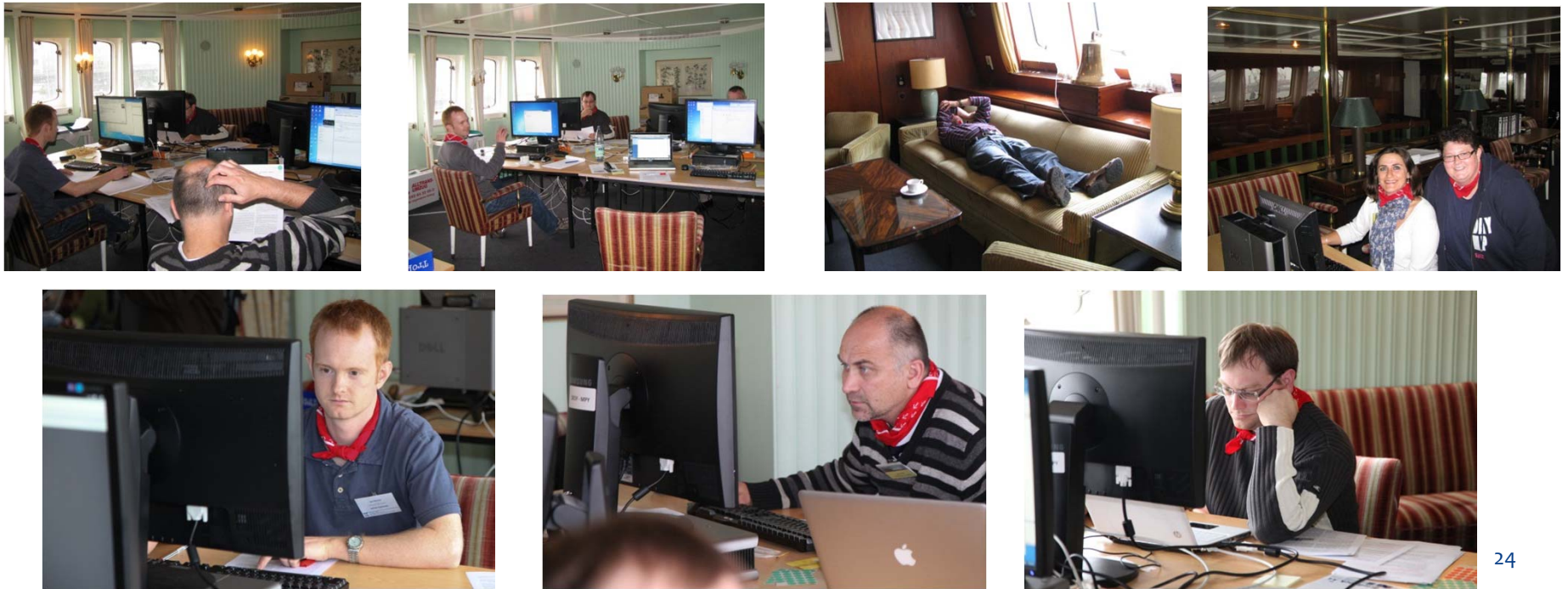
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# DIPAC 2011 Summary Report



## Impressions from the Salt Mines







Thank You ☺