

DIPAC 2005, Lyon, France

DIPAC 2005

Volker RW Schaa

Introduction

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JACoW

Status

Where are we?

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DIPAC 2005

Volker RW Schaa

GSI Darmstadt
Germany

JACoW Team Meeting,
Frascati Laboratory,
16 November 2005

7th European Workshop on
Beam Diagnostics and Instrumentation
For Particle Accelerators

Powerful Instruments: yes, but...

7th
DIPAC
2005



The annual DIPAC workshop aims to
...this time only for particle beams

an active exchange of the latest exper-
imental and theoretical results in the
field of accelerator beam
diagnostics and instrumentation with a
program of oral presentations, poster
sessions and discussion groups

Program Committee:

Hermann Schmidt (DEU, CERN)
Franz Krumpholtz (DEU)
Andreas Kneip (DEU)
Franz Krumpholtz (DEU)
Andreas Kneip (DEU)
Andreas Kneip (DEU)
Andreas Kneip (DEU)
Andreas Kneip (DEU)
Andreas Kneip (DEU)
Andreas Kneip (DEU)
Andreas Kneip (DEU)

Local Committee and Secretariat:

Hermann Schmidt (DEU, CERN)
Franz Krumpholtz (DEU)
Andreas Kneip (DEU)
Andreas Kneip (DEU)
Andreas Kneip (DEU)
Andreas Kneip (DEU)
Andreas Kneip (DEU)
Andreas Kneip (DEU)
Andreas Kneip (DEU)
Andreas Kneip (DEU)

6-8 June,
2005

More info: <http://dipac2005.web.cern.ch/dipac2005/>

Hosted by CERN - AB-RD1





DIPAC 2005, Lyon, France

- 7th European Workshop on Beam Diagnostics and Instrumentation for Particle Accelerators

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- organized by





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- 7th European Workshop on Beam Diagnostics and Instrumentation for Particle Accelerators
- 6 – 8 June, 2005
- organized by 
- 152 participants



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- 7th European Workshop on Beam **D**iagnosics and **I**nstrumentation for **P**article **A**ccelerators
- 6 – 8 June, 2005
- organized by 
- 152 participants
- **112 papers**



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- 12 invited oral presentations



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- + 1 by me about JACoW



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- **8 contributed oral presentations**



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Control Panel for Contribution Submission

Title	Author	is a Data table?	is a Data portal?	is a Data can dataset?	is a Data table?
1729-01	Introduction to Small Level Data Analysis				
1729-02	Characterization of Small Data Analysis				
1729-03	Introduction of Small Data Analysis of Characteristic				
1729-04	Small Data Analysis of Small Data Analysis				
1729-05	Small Data Analysis of Small Data Analysis				
1729-06	Small Data Analysis of Small Data Analysis				
1729-07	Small Data Analysis of Small Data Analysis				
1729-08	Small Data Analysis of Small Data Analysis				
1729-09	Small Data Analysis of Small Data Analysis				
1729-10	Small Data Analysis of Small Data Analysis				
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1729-12	Small Data Analysis of Small Data Analysis				
1729-13	Small Data Analysis of Small Data Analysis				
1729-14	Small Data Analysis of Small Data Analysis				
1729-15	Small Data Analysis of Small Data Analysis				
1729-16	Small Data Analysis of Small Data Analysis				
1729-17	Small Data Analysis of Small Data Analysis				
1729-18	Small Data Analysis of Small Data Analysis				
1729-19	Small Data Analysis of Small Data Analysis				
1729-20	Small Data Analysis of Small Data Analysis				
1729-21	Small Data Analysis of Small Data Analysis				
1729-22	Small Data Analysis of Small Data Analysis				
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1729-30	Small Data Analysis of Small Data Analysis				
1729-31	Small Data Analysis of Small Data Analysis				
1729-32	Small Data Analysis of Small Data Analysis				
1729-33	Small Data Analysis of Small Data Analysis				
1729-34	Small Data Analysis of Small Data Analysis				
1729-35	Small Data Analysis of Small Data Analysis				
1729-36	Small Data Analysis of Small Data Analysis				
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1729-38	Small Data Analysis of Small Data Analysis				
1729-39	Small Data Analysis of Small Data Analysis				
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1729-41	Small Data Analysis of Small Data Analysis				
1729-42	Small Data Analysis of Small Data Analysis				
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1729-45	Small Data Analysis of Small Data Analysis				
1729-46	Small Data Analysis of Small Data Analysis				
1729-47	Small Data Analysis of Small Data Analysis				
1729-48	Small Data Analysis of Small Data Analysis				
1729-49	Small Data Analysis of Small Data Analysis				
1729-50	Small Data Analysis of Small Data Analysis				

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- 3 editors
Ivan, John, Volker

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Title	Author	is a Data member	is a Data presenter	is a Data non presenter	is a Data member
12784-8	Investigation of Small Scale Light Microscopy	S. Schaa	●		
12784-7	Characterization of Small Scale Light Microscopy	T. Schaa		●	
12784-6	Investigation of Small Scale Light Microscopy	T. Schaa		●	
12784-5	Small Scale Light Microscopy	T. Schaa		●	
12784-4	Small Scale Light Microscopy	T. Schaa		●	
12784-3	Small Scale Light Microscopy	T. Schaa		●	
12784-2	Small Scale Light Microscopy	T. Schaa		●	
12784-1	Small Scale Light Microscopy	T. Schaa		●	
12784-0	Small Scale Light Microscopy	T. Schaa		●	
12783-9	Small Scale Light Microscopy	T. Schaa		●	
12783-8	Small Scale Light Microscopy	T. Schaa		●	
12783-7	Small Scale Light Microscopy	T. Schaa		●	
12783-6	Small Scale Light Microscopy	T. Schaa		●	
12783-5	Small Scale Light Microscopy	T. Schaa		●	
12783-4	Small Scale Light Microscopy	T. Schaa		●	
12783-3	Small Scale Light Microscopy	T. Schaa		●	
12783-2	Small Scale Light Microscopy	T. Schaa		●	
12783-1	Small Scale Light Microscopy	T. Schaa		●	
12783-0	Small Scale Light Microscopy	T. Schaa		●	
12782-9	Small Scale Light Microscopy	T. Schaa		●	
12782-8	Small Scale Light Microscopy	T. Schaa		●	
12782-7	Small Scale Light Microscopy	T. Schaa		●	
12782-6	Small Scale Light Microscopy	T. Schaa		●	
12782-5	Small Scale Light Microscopy	T. Schaa		●	
12782-4	Small Scale Light Microscopy	T. Schaa		●	
12782-3	Small Scale Light Microscopy	T. Schaa		●	
12782-2	Small Scale Light Microscopy	T. Schaa		●	
12782-1	Small Scale Light Microscopy	T. Schaa		●	
12782-0	Small Scale Light Microscopy	T. Schaa		●	
12781-9	Small Scale Light Microscopy	T. Schaa		●	
12781-8	Small Scale Light Microscopy	T. Schaa		●	
12781-7	Small Scale Light Microscopy	T. Schaa		●	
12781-6	Small Scale Light Microscopy	T. Schaa		●	
12781-5	Small Scale Light Microscopy	T. Schaa		●	
12781-4	Small Scale Light Microscopy	T. Schaa		●	
12781-3	Small Scale Light Microscopy	T. Schaa		●	
12781-2	Small Scale Light Microscopy	T. Schaa		●	
12781-1	Small Scale Light Microscopy	T. Schaa		●	
12781-0	Small Scale Light Microscopy	T. Schaa		●	
12780-9	Small Scale Light Microscopy	T. Schaa		●	
12780-8	Small Scale Light Microscopy	T. Schaa		●	
12780-7	Small Scale Light Microscopy	T. Schaa		●	
12780-6	Small Scale Light Microscopy	T. Schaa		●	
12780-5	Small Scale Light Microscopy	T. Schaa		●	
12780-4	Small Scale Light Microscopy	T. Schaa		●	
12780-3	Small Scale Light Microscopy	T. Schaa		●	
12780-2	Small Scale Light Microscopy	T. Schaa		●	
12780-1	Small Scale Light Microscopy	T. Schaa		●	
12780-0	Small Scale Light Microscopy	T. Schaa		●	

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- 3 editors
- Ivan, John, Volker
- 3 problem solvers for Office & Internet Cafe & ...

Control Panel for Contribution Submission

Title	Author	is a Data member	is a Data presenter	is a Data non-accepted	is a Data member
PK2048	Introduction to Small and Large Structures		●		
PK2047	Characterization of Small Structures		●		
PK2046	Relevance of Small-Size Structures in Carpal Tunnel		●		
PK2045	Small Structures in the Case of Small Structures		●		
PK2044	Small Structures in the Case of Small Structures		●		
PK2043	Small Structures in the Case of Small Structures		●		
PK2042	Small Structures in the Case of Small Structures		●		
PK2041	Small Structures in the Case of Small Structures		●		
PK2040	Small Structures in the Case of Small Structures		●		
PK2039	Small Structures in the Case of Small Structures		●		
PK2038	Small Structures in the Case of Small Structures		●		
PK2037	Small Structures in the Case of Small Structures		●		
PK2036	Small Structures in the Case of Small Structures		●		
PK2035	Small Structures in the Case of Small Structures		●		
PK2034	Small Structures in the Case of Small Structures		●		
PK2033	Small Structures in the Case of Small Structures		●		
PK2032	Small Structures in the Case of Small Structures		●		
PK2031	Small Structures in the Case of Small Structures		●		
PK2030	Small Structures in the Case of Small Structures		●		
PK2029	Small Structures in the Case of Small Structures		●		
PK2028	Small Structures in the Case of Small Structures		●		
PK2027	Small Structures in the Case of Small Structures		●		
PK2026	Small Structures in the Case of Small Structures		●		
PK2025	Small Structures in the Case of Small Structures		●		
PK2024	Small Structures in the Case of Small Structures		●		
PK2023	Small Structures in the Case of Small Structures		●		
PK2022	Small Structures in the Case of Small Structures		●		
PK2021	Small Structures in the Case of Small Structures		●		
PK2020	Small Structures in the Case of Small Structures		●		
PK2019	Small Structures in the Case of Small Structures		●		
PK2018	Small Structures in the Case of Small Structures		●		
PK2017	Small Structures in the Case of Small Structures		●		
PK2016	Small Structures in the Case of Small Structures		●		
PK2015	Small Structures in the Case of Small Structures		●		
PK2014	Small Structures in the Case of Small Structures		●		
PK2013	Small Structures in the Case of Small Structures		●		
PK2012	Small Structures in the Case of Small Structures		●		
PK2011	Small Structures in the Case of Small Structures		●		
PK2010	Small Structures in the Case of Small Structures		●		
PK2009	Small Structures in the Case of Small Structures		●		
PK2008	Small Structures in the Case of Small Structures		●		
PK2007	Small Structures in the Case of Small Structures		●		
PK2006	Small Structures in the Case of Small Structures		●		
PK2005	Small Structures in the Case of Small Structures		●		
PK2004	Small Structures in the Case of Small Structures		●		
PK2003	Small Structures in the Case of Small Structures		●		
PK2002	Small Structures in the Case of Small Structures		●		
PK2001	Small Structures in the Case of Small Structures		●		
PK2000	Small Structures in the Case of Small Structures		●		

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for Office &
Internet Cafe & ...



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Title	Author	is a Data table?	is a Data present?	is a Data in document?	is a Data in document?
PK0001	Introduction to Small and Large Methods				
PK0002	Characterization of Small and Large Methods				
PK0003	Introduction to Small and Large Methods				
PK0004	Introduction to Small and Large Methods				
PK0005	Introduction to Small and Large Methods				
PK0006	Introduction to Small and Large Methods				
PK0007	Introduction to Small and Large Methods				
PK0008	Introduction to Small and Large Methods				
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PK0010	Introduction to Small and Large Methods				
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PK0043	Introduction to Small and Large Methods				
PK0044	Introduction to Small and Large Methods				
PK0045	Introduction to Small and Large Methods				
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PK0048	Introduction to Small and Large Methods				
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PK0050	Introduction to Small and Large Methods				

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- First DIPAC conference following the JACoW standard



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- First DIPAC conference following the JACoW standard
- Full SPMS system (abstract submission, paper upload, paper processing)



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- Fully synchronized JACoW affiliation database



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👉 see rate of errors



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- Full SPMS system (abstract submission, paper upload, paper processing)
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 -  see rate of errors
- **Constant support by John and Matt**



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 -  **see new functionality**



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- We had no deadline for paper upload

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 - 21 % of papers before deadline

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 - 21 % of papers before deadline
 - 70 % of papers till end of conference

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 - **decision: upload stays open until 31 July**

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 - **89 % on 31 July**

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 - 89 % on 31 July
- **Where are we now?**



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 - 70 % of papers till end of conference
 - decision: upload stays open until 31 July
 - 89 % on 31 July
- Where are we now?
 - 90.4 % of the papers are there today



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 - 70 % of papers till end of conference
 - decision: upload stays open until 31 July
 - 89 % on 31 July
- Where are we now?
 - 90.4 % of the papers are there today
 - **Web pages ready and online since 15. August**



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 - 70 % of papers till end of conference
 - decision: upload stays open until 31 July
 - 89 % on 31 July
- Where are we now?
 - 90.4 % of the papers are there today
 - Web pages ready and online since 15. August
 - **Proceedings volume has Foreword, Papers, Indices, but lacks pictures, a list of participants, and a cover**



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- Where are we now?
 - 90.4 % of the papers are there today
 - Web pages ready and online since 15. August
 - Proceedings volume has Foreword, Papers, Indices, but lacks pictures, a list of participants, and a cover
 - ...



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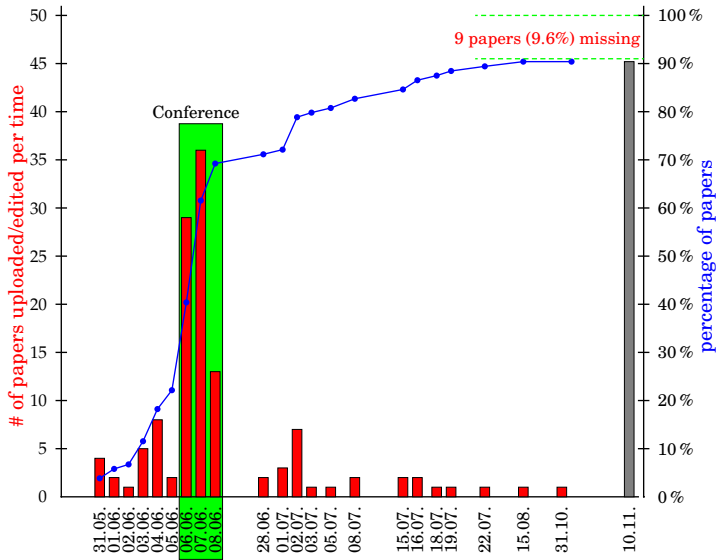
Problems and
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Solutions

- We had no deadline for paper upload
 - 21 % of papers before deadline
 - 70 % of papers till end of conference
 - decision: upload stays open until 31 July
 - 89 % on 31 July
- Where are we now?
 - 90.4 % of the papers are there today
 - Web pages ready and online since 15. August
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Where are we now?



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You might remember my talk about LINAC'04

- Checking author and title info we found

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You might remember my talk about LINAC'04

- Checking author and title info we found
 - 35% were ok (no changes)



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You might remember my talk about LINAC'04

- Checking author and title info we found
 - 35 % were ok (no changes)
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 - 29 % papers with title changes
 - **23 % additional authors, of which 17 % were new**



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 - 12 % papers with title changes
 - **0.5 % additional authors, of which all were new (3)**



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**This is the advantage of being in synch with
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- **Editing: Mostly easy**

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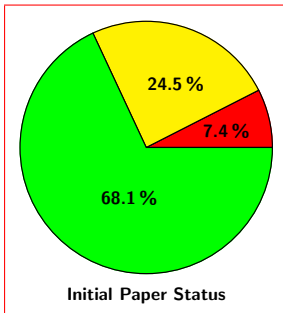
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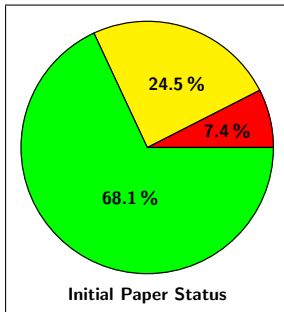
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- Editing: Mostly easy



RED

7 papers



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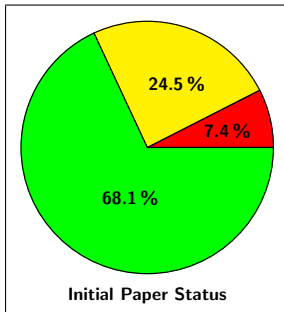
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RED 7 papers

YELLOW 23 papers



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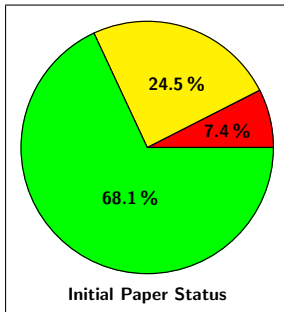
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RED 7 papers

YELLOW 23 papers

GREEN 64 papers



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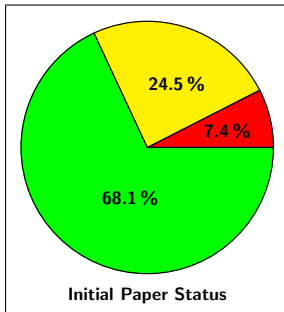
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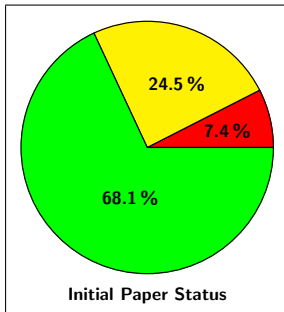
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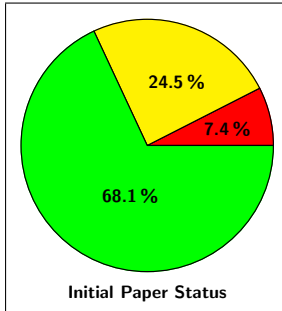
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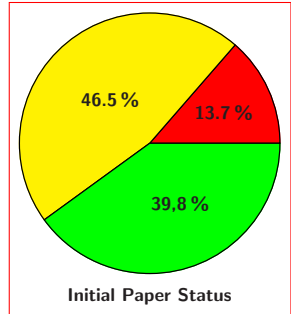


RED 7 papers

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- Compared to LINAC'04





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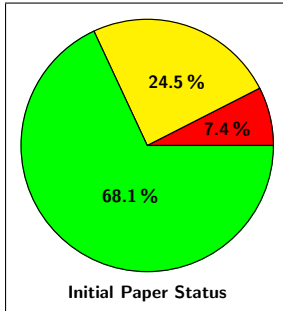
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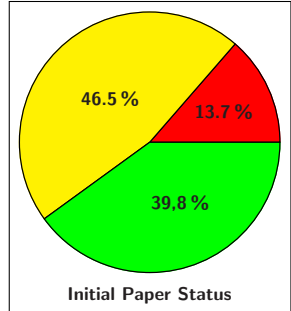


RED 7 papers

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RED 35 papers



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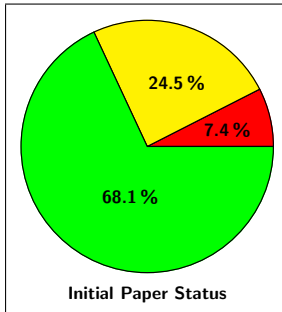
Some
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- Editing: Mostly easy

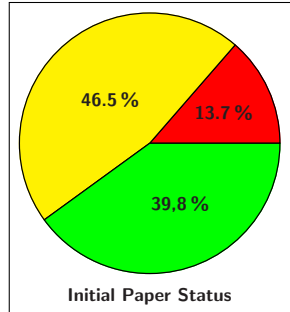


RED 7 papers

YELLOW 23 papers

GREEN 64 papers

- Compared to LINAC'04



RED 35 papers

YELLOW 119 papers



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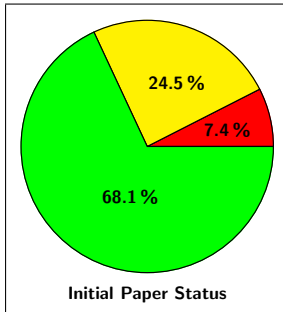
Some
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- Editing: Mostly easy

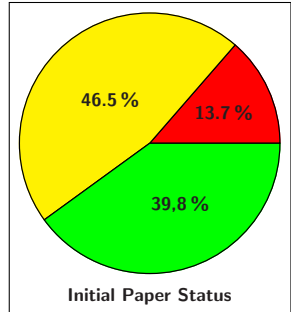


RED 7 papers

YELLOW 23 papers

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RED 35 papers

YELLOW 119 papers

GREEN 102 papers



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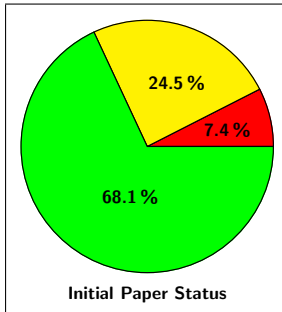
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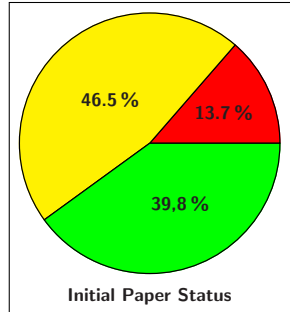


RED 7 papers

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- **Distribution of errors:**

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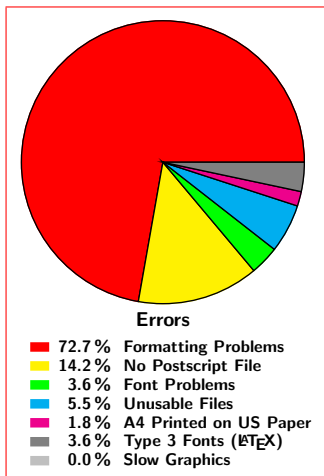
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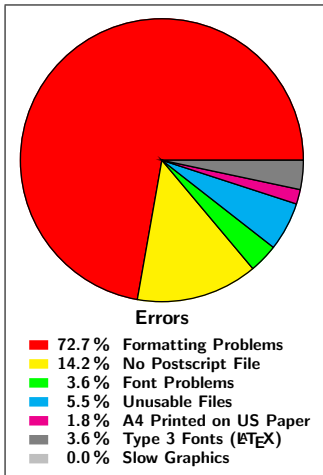
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● Distribution of errors:

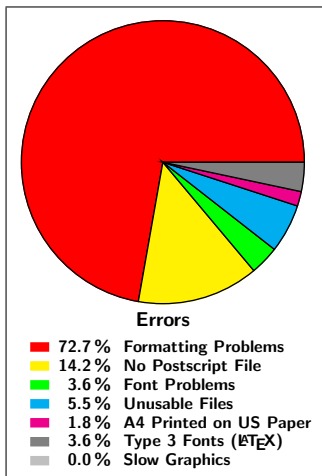




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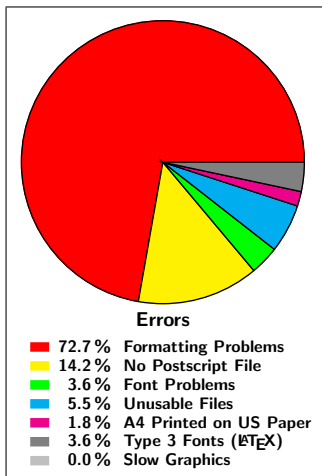
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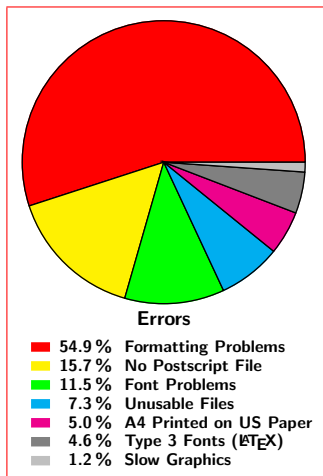
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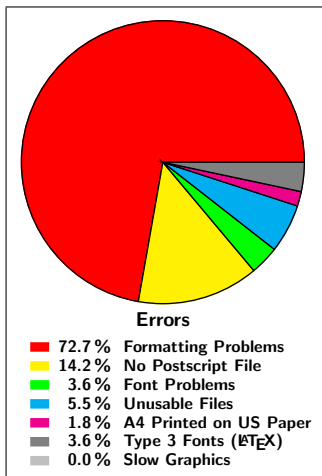
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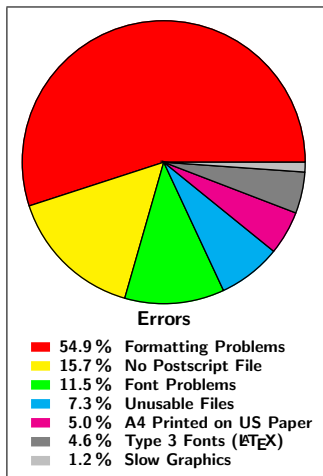
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- **Distribution of type**



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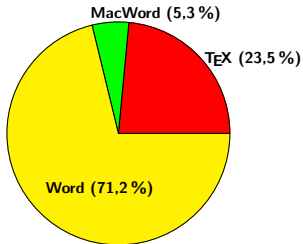
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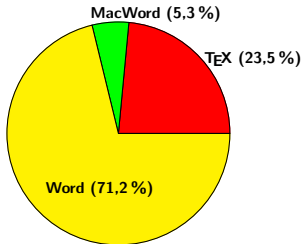
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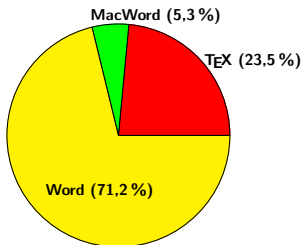
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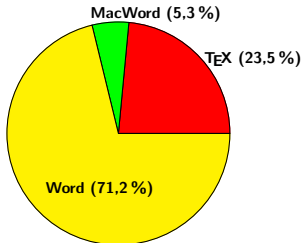
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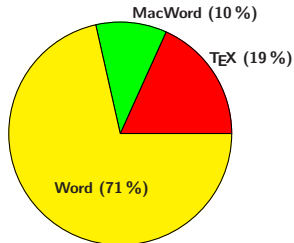
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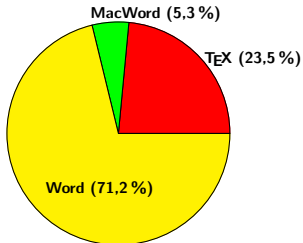
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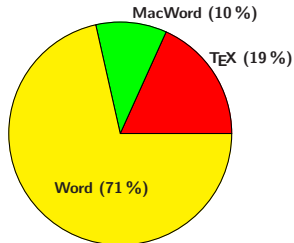
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- Compared to LINAC'04



Distribution LINAC2004



Problems and Solutions

- My script is using wrong page sizes in pdf if a »cropbox« is different from the »mediabox«

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Problems and Solutions

- My script is using wrong page sizes in pdf if a »cropbox« is different from the »mediabox«

☞ Always use newest setup (»Software and Scripts for Processing« on JACoW web site) in this case: »Remove Crop Box« in Pitstop action list

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- 👉 Always use newest setup (»Software and Scripts for Processing« on JACoW web site) in this case: »Remove Crop Box« in Pitstop action list
- To produce web pages and proceedings with pages numbers, my script needs »<toc>« values

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- ☞ Always use newest setup (»Software and Scripts for Processing« on JACoW web site) in this case: »Remove Crop Box« in Pitstop action list
- To produce web pages and proceedings with pages numbers, my script needs »<toc>« values
- ☞ **Now always produced by the SPMS option »Generate Paper TOC Values«**

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- ☞ Always use newest setup (»Software and Scripts for Processing« on JACoW web site) in this case: »Remove Crop Box« in Pitstop action list
- To produce web pages and proceedings with pages numbers, my script needs »<toc>« values
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7th European Workshop on
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More Info: <http://dipac2005.web.cern.ch/dipac2005>

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Thank you!