

# FLS2010 Report



Travis Brooks (SLAC)

# March 1-5, 2010

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- Workshop
  - Some Joint Sessions
  - Some Summary Sessions
  - Primarily Individual Talks

# Conference Organization

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- Done locally at SLAC
  - Communications Office
  - Accelerator Directorate
  - LCLS Computing
- Used SLAC 'standard' tool:
  - Microsoft Sharepoint

# » FLS 2010 Workshop Program

<div> <div> <div>←</div> <div>→</div> </div> <div>February 28 - March 06 2010</div> <div> <div>1</div> <div>Day</div> <div>7</div> <div>Week</div> </div> </div>							
	28 Sunday	1 Monday	2 Tuesday	3 Wednesday	4 Thursday	5 Friday	6
8 AM							
9		9:00 AM 9:00-Welcome-P.Drell (SLAC)    9:15-Welcome-J.Galayda (SLAC)	9:00 AM Science with next-generation hard X-ray sources – S. Wakatsuki (KEK)	9:00 AM Report from the high brightness electron beams workshop – J. Rosenzweig (UCLA)	9:00 AM Working groups	9:00 AM Summary report – Working Group 1	
		9:30 AM Future performance of the LCLS – J. Welch (SLAC)	9:30 AM Science with next-generation soft X-ray sources – F. Parmigiani (ST)	9:30 AM Concepts for smaller, cheaper, better – C. Pellegrini (UCLA)	9:30 AM Working groups	9:30 AM Summary report – working group 2	
10		10:00 AM Progress at the XFELs in Europe and Japan – H. Braun (PSI)	10:00 AM X-Ray Detectors for Next-Generation X-Ray Sources-The Fine Art of High-Speed X-Ray Imaging--Daniel Rolles, CFEL	10:00 AM Advances in laser/plasma-based sources – W. Leemans (LBNL)	10:00 AM Working groups	10:00 AM Summary report – working group 3	
		↻ 10:30 AM Coffee break	↻ 10:30 AM Coffee break	↻ 10:30 AM Coffee break	↻ 10:30 AM Coffee break	↻ 10:30 AM Coffee break	
11		11:00 AM Progress in soft X-ray FELs – R. Bartolini (Diamond)	11:00 AM Ring-based sources overview – M. Borland (ANL)	11:00 AM Advanced insertion devices; practices and concepts – R. Schlueter (LBNL)	11:00 AM Working groups	11:00 AM Summary report – working group 4	

# 187 Talks

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- Attendees were not asked to write up contributions
- Includes Summaries/Working Groups slide writeups
- Slides, abstracts, other metadata collected
- Converted to PDF
  - Need to verify animation splits (!)
- 178 PDFs of slides



<b>Title</b>	Future performance of the LCLS – J. Welch (SLAC)
<b>Location</b>	Panofsky Auditorium
<b>Start Time</b>	3/1/2010 9:30 AM
<b>End Time</b>	3/1/2010 10:00 AM
<b>Abstract</b>	LCLS turned on strongly, and its performance has encouraged exciting new possibilities for the future. In the first half of this talk I will review the recent performance, describe improvements to be implemented for the experimental run this year, and discuss plans for the next couple of years. The latter half of the talk will be devoted to concepts being considered for an expanded version of LCLS, called "LCLS 2", which would service more simultaneous users and increase the physics reach.
<b>All Day Event</b>	
<b>Recurrence</b>	
<b>Workspace</b>	
<b>Key</b>	Plenary sessions
<b>Color</b>	#996600
<b>Display</b>	<div style='border: 1px solid #996600; padding: 5px; margin: 0px; color: #996600;background-color: #ffff99;'>Future performance of the LCLS – J. Welch (SLAC)</div>
<b>Working Group</b>	
<b>Attachments</b>	<a href="#">LCLS_future_performance.key.zip</a> <a href="#">Welch-LCLS_future_performance.pdf</a>

# Metadata

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- Worked with Sharepoint administrator – File with:
  - Titles
  - Authors (166 including JACoW ID)
  - Affiliations
  - Abstracts (~ From Plenary Talks only – 27 )
  - Keywords (some...)
  - PDF (178 files)

# Scripting

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- Vaguely similar situation to InDiCo Conference
- Working with Volker to modify file and run through his scripts
- SLAC (via INSPIRE group) may have interest in donating some time to working with these scripts
  - Could look into InDiCo issues as well as FLS2010



# Conclusions

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- ETA for upload PDFs of Talks depends now on scripts
  - Travis and Volker
- Workshop poses/posed problems related to JACoW:
  - Post facto involvement of/with JACoW
    - Authors not asked for write up
    - Limited local knowledge of JACoW
  - Desire/need to preserve and disseminate content from workshops, even if somewhat informal
    - Unclear what to do with Summary/Working Group talks
    - But what is the best mechanism?