

CHEP 2004 Programme Committee meeting

2 April 2004

CERN, Geneva

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# CHEP 2004 abstracts management using InDiCo

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Hector Sanchez SanMartin

<Hector.Sanchez@cern.ch>

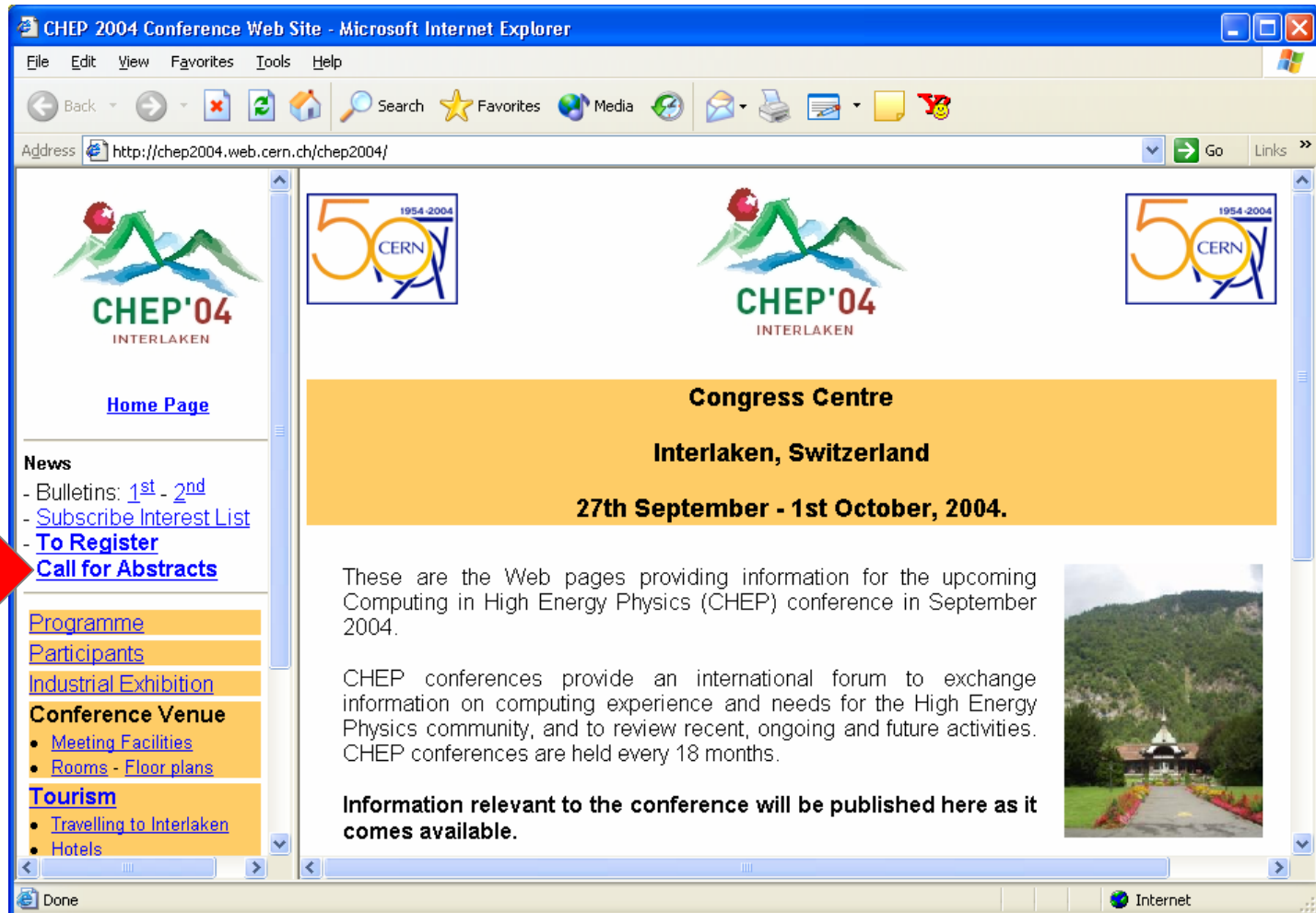


## About InDiCo

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- © EU funded project: see <http://cern.ch/indico>
- © Integrated digital platform for conference management and archiving.
- © CERN is developing a module for conference management via the web:
  - ❖ Open source development (GPL license).
  - ❖ Multi conference support.
  - ❖ Delegation mechanism built-in.
- © CHEP 04 uses InDiCo to manage the conference programme (abstracts, contributions, sessions, etc)

<http://www.chep04.org>




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**CHEP'04**  
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**CHEP'04**  
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**Congress Centre**


**Interlaken, Switzerland**

**27th September - 1st October, 2004.**

These are the Web pages providing information for the upcoming Computing in High Energy Physics (CHEP) conference in September 2004.


CHEP conferences provide an international forum to exchange information on computing experience and needs for the High Energy Physics community, and to review recent, ongoing and future activities. CHEP conferences are held every 18 months.

**Information relevant to the conference will be published here as it comes available.**



Done Internet

# Call for abstracts

	<p><b>CHEP 2004</b> from 27 September 2004 to 01 October 2004 <i>Interlaken, Switzerland</i></p>
<p><a href="#">CHEP 2004 HOME</a></p> <p><a href="#">SCIENTIFIC PROGRAMME</a></p> <p><a href="#">CALL FOR ABSTRACTS</a> <a href="#">Submit a new abstract</a> <a href="#">View my abstracts</a></p>	<p><u>Call for Abstracts</u></p> <p>Abstract submission opening day: 05 March 2004 Abstract submission deadline: 30 April 2004</p> <p>You are invited to submit <b>an abstract of between 150 (min) to 250 (max) words</b> which will be used by the Programme Committee to select contributions for oral or poster presentations. Please note that the deadline for the submission of abstract is April 30th.</p> <p>You are kindly requested to <b>indicate the speaker and the track</b> in which you wish the contribution to be included. The list of programme tracks and the scope of topics covered are described in the "Scientific Programme" section.</p> <p>Details on the submission of accepted talks, posters and papers will be given in future bulletins.</p>

Submission period

Submission instructions


# Abstract submission

© **LOG IN:** Every submitter must be registered and authenticated (username/password).

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# Abstract submission (1/2)

JACOBSEN, Bob - [logout](#)

 <b>CHEP 2004</b> from 27 September 2004 to 01 October 2004 Interlaken, Switzerland																					
<p><a href="#">CHEP 2004 HOME</a></p> <p><a href="#">SCIENTIFIC PROGRAMME</a></p> <p><a href="#">CALL FOR ABSTRACTS</a></p> <p><a href="#">Submit a new abstract</a></p> <p><a href="#">View my abstracts</a></p> <p><a href="#">TIME TABLE</a></p>	<p><b><u>Call for Abstracts: Submit a new abstract</u></b></p> <p>Please, note that fields marked with * are mandatory.</p> <p><b>Main data</b></p> <p>*Title <input type="text" value="First observations from running the BaBar offline software"/></p> <p>*Content (no HTML allowed) <input style="width: 100%; height: 150px;" type="text" value="The BaBar collaboration started construction in 1995 of a CP violation experiment. The offline software was based on C++ and an OO design, forming a 'first generation' example of the use of these techniques. BaBar started taking data on schedule in May of 1999. We describe our experiences and results to date, including during the first eight months of running."/></p> <p>Presentation type <input type="text" value="oral presentation"/></p> <p><b>Primary Authors</b></p> <table border="1" style="width: 100%;"> <tr> <td style="width: 5%;"><input type="checkbox"/></td> <td style="width: 15%;">Title</td> <td style="width: 35%;">*Family name</td> <td style="width: 35%;">*First name</td> <td style="width: 10%;"></td> </tr> <tr> <td></td> <td></td> <td><input type="text" value="Jacobsen"/></td> <td><input type="text" value="Bob"/></td> <td></td> </tr> <tr> <td></td> <td>*Affiliation</td> <td>*Email</td> <td>Phone</td> <td><input checked="" type="checkbox"/> speaker</td> </tr> <tr> <td></td> <td><input type="text" value="Lawrence Berkeley National Laboratory"/></td> <td><input type="text" value="bob.jacobsen@lbl.edu"/></td> <td><input type="text"/></td> <td></td> </tr> </table> <p style="text-align: center;"> <input type="button" value="new primary author"/> <input type="button" value="remove selected primary authors"/> </p> <p><b>Co-Authors</b></p> <p style="text-align: center;"> <input type="button" value="new co-author"/> <input type="button" value="remove selected co-authors"/> </p>	<input type="checkbox"/>	Title	*Family name	*First name				<input type="text" value="Jacobsen"/>	<input type="text" value="Bob"/>			*Affiliation	*Email	Phone	<input checked="" type="checkbox"/> speaker		<input type="text" value="Lawrence Berkeley National Laboratory"/>	<input type="text" value="bob.jacobsen@lbl.edu"/>	<input type="text"/>	
<input type="checkbox"/>	Title	*Family name	*First name																		
		<input type="text" value="Jacobsen"/>	<input type="text" value="Bob"/>																		
	*Affiliation	*Email	Phone	<input checked="" type="checkbox"/> speaker																	
	<input type="text" value="Lawrence Berkeley National Laboratory"/>	<input type="text" value="bob.jacobsen@lbl.edu"/>	<input type="text"/>																		

# Abstract submission (2/2)

## Track classification

Track 1 - Online Computing

CPU farms for high-level triggering; farm configuration and run control; describing and managing configuration data and conditions databases; online software frameworks and tools. We are proposing to exclude first level trigger systems, readout systems and detector controls since these topics are highly specialised and are already well covered by other conferences.

Track 2 - Event processing

event simulation and reconstruction; physics analysis; event visualisation and data presentation; toolkits for simulation and analysis; event data models; detector geometry models; specialised algorithms for high level triggering and event processing.

Track 3 - Core Software

domain specific frameworks; persistency; interactivity; foundation and utility libraries; math libraries; component models; object dictionaries; scripting; graphics; use of 3rd party software components (open source and commercial), programming techniques and tools; software testing; configuration management; software build, release and distribution tools; quality assurance; information systems; documentation.

Track 4 - Distributed Computing

studies of data organisation and analysis strategies; distribution and storage of all types of data (raw, simulated, calibration etc.); event selection and data mining; exploitation of the computing centres and fabrics; the development of the distributed computing models of experiments; deployment and use of grid technologies, real experience in prototypes and production systems.

Track 5 - Computer Fabrics

architectures and technologies; integral systems (cpu/storage) and life-cycle management; functionality and operation of regional centres; global usage and management of resources; support of grid infrastructure and its exploitation, desktop and mobile computing, parallel computing.

Track 6 - Wide Area Networking

global network status and outlook; advanced technologies and their use in applications; HENP networks and their relation to future grid systems; the digital divide and issues of access, readiness and cost; collaborative systems, progress in technologies and applications.

Please, note that fields marked with \* are mandatory.

# Abstract submission confirmation

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 <p>CHEP'04 INTERLAKEN</p>	<p style="text-align: center;"><b>CHEP 2004</b> from 27 September 2004 to 01 October 2004 <i>Interlaken, Switzerland</i></p>
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# Abstract submission confirmation

## ☺ Mail confirmation




```
Dear Mr. SANCHEZ SANMARTIN, Hector,  
  
The submission of your abstract has been successfully processed.  
  
A list of your submitted abstracts is available at  
<http://indico.cern.ch/userAbstracts.py?confId=0>.  
  
A preview of the status of your abstracts is available at  
<http://indico.cern.ch/abstractDisplay.py?abstractId=28&confId=0>.  
  
See below a detailed summary of your submitted abstract:  
  
Conference: CHEP 2004  
  
Submitted by: Mr. SANCHEZ SANMARTIN, Hector  
  
Submitted on: 30 March 2004 09:56  
  
Title: First observations from running the BaBar offline software  
  
Content:  
The BaBar collaboration started construction in 1995 of a CP violation experiment.  
The offline software was based on C++ and an OO design, forming a "first generation"  
example of the use of these techniques. BaBar started taking data on schedule in May  
of 1999. We describe our experiences and results to date, including during the first  
eight months of running.  
  
Primary Authors:  
JACOBSEN, Bob (Lawrence Berkeley National Laboratory) <bob.jacobsen@lbln1.edu>  
  
Co-authors:  
  
Abstract speakers:  
JACOBSEN, Bob  
  
Track classification:  
Track 1 - online Computing  
  
Presentation type: oral presentation  
  
--  
IndiCo project <http://cern.ch/indico>
```

# Abstract list

 JACOBSEN, Bob - [\[logout\]](#)

	<h2>CHEP 2004</h2> <p>from 27 September 2004 to 01 October 2004 <i>Interlaken, Switzerland</i></p>							
<p><a href="#">CHEP 2004 HOME</a></p> <p><a href="#">SCIENTIFIC PROGRAMME</a></p> <p><a href="#">CALL FOR ABSTRACTS</a>  <a href="#">Submit a new abstract</a>  <a href="#">View my abstracts</a></p> <p><a href="#">TIME TABLE</a></p>	<h3><u>Call for Abstracts: View my abstracts</u></h3> <table border="1" data-bbox="465 711 1746 782"> <thead> <tr> <th>TITLE</th> <th>MODIFICATION DATE</th> <th>STATUS</th> </tr> </thead> <tbody> <tr> <td><input type="checkbox"/> <a href="#">First observations from running the BaBar offline software</a></td> <td>2004-03-30 09:52</td> <td>SUBMITTED</td> </tr> </tbody> </table> <p><input type="button" value="Get PDF of selected abstracts"/></p>		TITLE	MODIFICATION DATE	STATUS	<input type="checkbox"/> <a href="#">First observations from running the BaBar offline software</a>	2004-03-30 09:52	SUBMITTED
TITLE	MODIFICATION DATE	STATUS						
<input type="checkbox"/> <a href="#">First observations from running the BaBar offline software</a>	2004-03-30 09:52	SUBMITTED						



# Abstract details

	<p><b>CHEP 2004</b> from 27 September 2004 to 01 October 2004 <i>Interlaken, Switzerland</i></p>
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# Track coordination interface

TEST, user - [logout]

Access to the  
TC interface

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# Track management

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Jump to the public interface

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Ordering criteria

Abstracts complying to the filtering criteria

Conference: CHEP 2004

Track Management: Track 3 - Core Software

Abstracts

Display options

show contribution types

- not specified--
- oral presentation
- poster

show in status

- proposed to be rejected
- submitted
- rejected
- proposed to be accepted
- accepted for other track
- accepted
- withdrawn

apply

Submitted abstracts			
Title	Type	Status	Modification date
<input type="checkbox"/> <a href="#">The GIOD Project</a>	oral presentation	<input type="radio"/> submitted	30-Mar-2004 13:50
<input type="checkbox"/> <a href="#">An ODBMS approach for the persistency in CMS</a>	oral presentation	<input type="radio"/> submitted	30-Mar-2004 13:51
<input type="checkbox"/> <a href="#">New Data Storage Model for H1</a>	oral presentation	<input type="radio"/> submitted	30-Mar-2004 13:54
<input type="checkbox"/> <a href="#">An OO tag database for physics analysis at HERA</a>	poster	<input type="radio"/> submitted	30-Mar-2004 13:55

Get PDF of selected abstracts    Get PDF of all abstracts

# Track coordinator proposals

Conference: ► CHEP 2004

Track: ► Track 3 - Core Software

Abstract management: The GIOD Project

Title	<b>The GIOD Project</b>
Content	<p>The GIOD (Globally Interconnected Object Databases) Project, a joint effort between Caltech and CERN, funded by Hewlett Packard Corporation, has investigated the use of WAN-distributed Object Databases and Mass Storage systems for LHC data. A prototype small-scale LHC data analysis center has been constructed using computing resources at Caltech's Centre for Advanced Computing Research. These resources include a 256 CPU HP Exemplar of ~4600 SPECfp95, a 600 TByte High Performance Storage System (HPSS), and local/wide area links based on OC3 ATM. Using the Exemplar, a large number of fully simulated CMS events were produced, and used to populate an object database with a complete schema for raw, reconstructed and analysis objects. The reconstruction software used for this task was based on early codes developed in preparation for the current CMS reconstruction program, ORCA. Simple analysis software was then developed in Java, and integrated with SLAC's Java Analysis Studio tool. An event viewer was constructed with the Java 3D API. Using this suite of software, tests were made in collaboration with researchers at FNAL and SDSC, that focused on distributed access to the database by numerous clients, and measurements of peak bandwidths were made and interpreted.</p> <p>In this paper, the most significant findings from the GIOD Project are presented. The goals of the follow-on project "GIOD II" are described, and put in context with other current activities at Caltech in this area. These include the DoE-funded "Particle Physics Data Grid", the NSF-funded "Accessing Large Data Archives in Astronomy and Particle Physics" project, and continuing work on the MONARC project.</p>
Primary authors	<a href="#">BUNN, Julian (Caltech)</a> <a href="#">NEWMAN, Harvey (Caltech)</a> <a href="#">WILKINSON, Richard (Caltech)</a>
Co-authors	
Speakers	<a href="#">BUNN, Julian (Caltech)</a>
Contribution type	oral presentation
Track classification	Track 3 - Core Software
Status	SUBMITTED <input type="button" value="Propose to be accepted"/> <input type="button" value="Propose to be rejected"/>
Submitted by	<a href="#">Mr. SANCHEZ SANMARTIN, Hector (CERN)</a>
Submitted on	30 March 2004 13:50
Last modified on	30 March 2004 13:50

TC proposals

# Track coordinator proposals

Conference: ► CHEP 2004

Track: ► Track 3 - Core Software

**Abstract management: The GIOD Project**

**Propose to be accepted**

Abstract title: The GIOD Project  
Track: Track 3 - Core Software

Proposed contribution type:

Please enter below a comment which justifies your request:

# Track coordinator proposals

© Conflicts may arise.

Status	<p>PROPOSED TO BE ACCEPTED (oral presentation) by <a href="#">TEST, user (CERN)</a> on 30 March 2004 15:08</p> <p><input type="button" value="Propose to be rejected"/></p> <p>In conflict with: Track 2 - Event processing ( <a href="#">SANCHEZ SANMARTIN, Hector (CERN)</a> )</p>
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## Next steps

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- © Time table definition and management.
- © Session and contribution management.
- © Submission of contribution material: slides (talks) and papers.