

Indico: Event Management

http://indico-software.org







JACoW 2010 16th November 2010

Jose Benito Gonzalez Lopez
CERN IT-UDS

Audiovisual and Conferencing Services



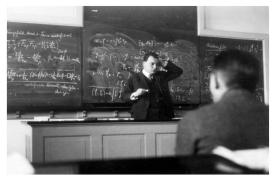
Outline

- General Overview of Indico
- Events management
- JACoW and Indico
- Other functionalities



What is Indico About?

Event organisation: for events of all sizes: lectures, meetings, conferences







<u>Data repository</u>: Long term archiving of all data related to the event and of all related files (ppts, pictures, videos, minutes...)



Background

CERN

- 2500 employees, 8000 collaborators
- Huge number of meetings per day
- 175 meeting rooms

Need for a tool

- to store and retrieve all events descriptions and related material
- Provide synthetic views on the collaborative activities and easy integration with personal schedulers

Indico was born as a European project (2002-2004) From 2004 (CHEP), Indico is in production and developed at CERN

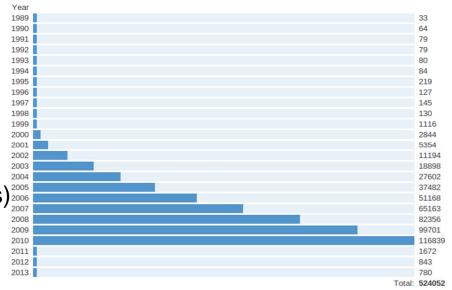


Indico Worldwide

Indico team: Currently 2 staff, 4 students

CERN server hosts today:

- More than 115.135 events
- More than 524.052 presentations
- More than 699.808 files (several TBs)²⁰⁰⁵



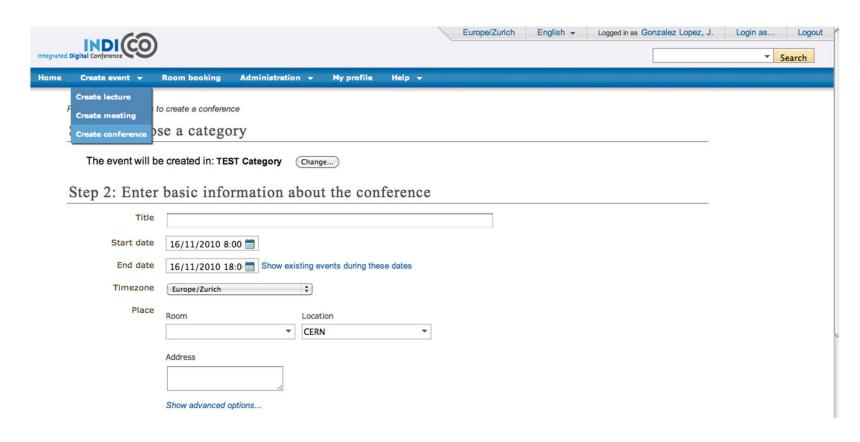
Installed also in many organizations worldwide (~89)

See: http://indico-software.org/wiki/IndicoWorldWide



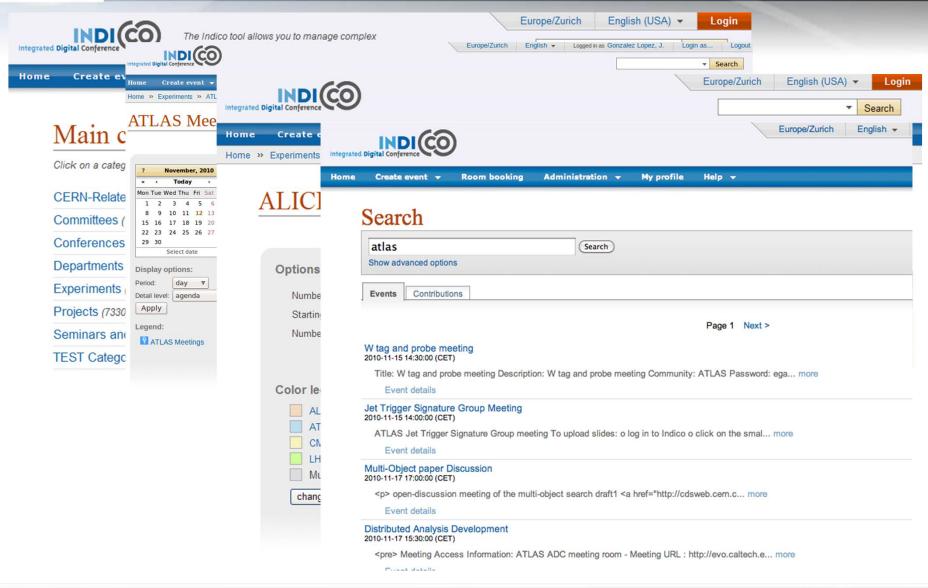
Creation of Events

Main goal: Creation of events should be easy





Features: Information Retrieval



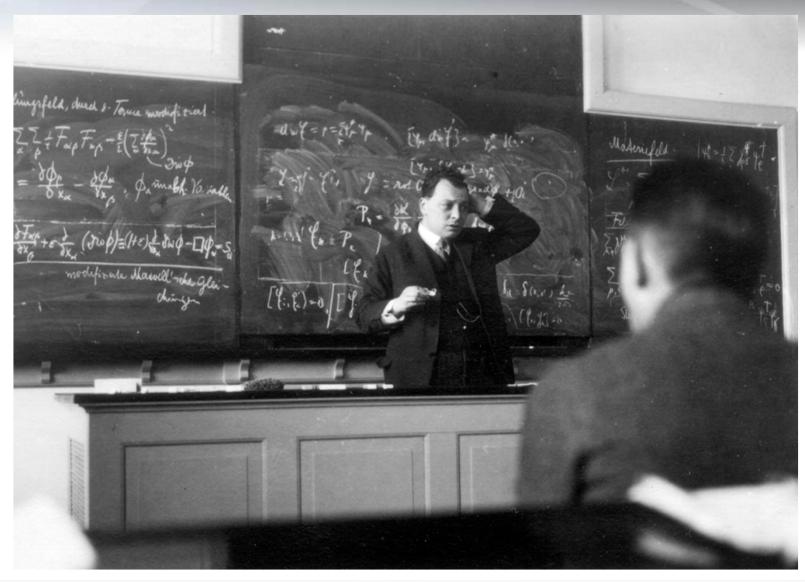


3 Types of Events

- Lectures
- Meetings
- Conferences



Lectures





Features: Lecture Management

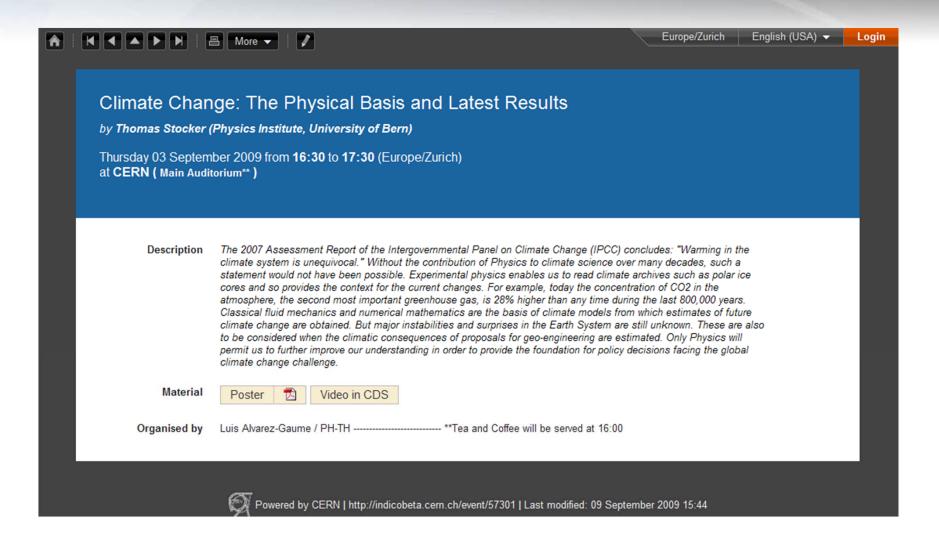
Simple and clear display of all data related to the lecture (date and time, location, title and abstract, speaker, material like slides or video)

Additional features:

- Poster creation
- Evaluation form creation (and detailed result analysis)
- Room booking
- Webcast
- Recording



Features: Lecture Management





Meetings





Features: Meeting Management

General data and meeting timetable

Additional features:

- Integrated minutes management
- Participants management
- Poster creation
- Room booking
- Webcast
- Recording
- Video conference integration











Monitoring Working Group

by Serguei Kolos (UCI)

Thursday 17 September 2009 from **15:00** to **18:00** (Europe/Zurich) at **CERN** (13-1-017)

Description

Phone conference is available via CERN Standard: +41 22 7677000

Thursday 17 September 2009

15:00 - 15:20 Introduction 20'

Speakers: Serguei Kolos (*UCI*)

Material: Slides

15:20 - 15:40 A proposal on the DQM Core evolution 20'

Speakers: Serguei Kolos(UCI)

Material: Slides 🛱 🗐

15:40 - 16:00 DQM Algorithms & Summary Makers: status and new features 20'

Speakers: Evan Arthur Wulf (Physics Dept., Pupin Physics Lab.-Columbia University-Unknown)

Material: Slides 📆

16:00 - 16:20 DQMF issues 20'

Speakers: Serguei Kolos(UCI)

Material: Slides 🔁 🚇





Conferences



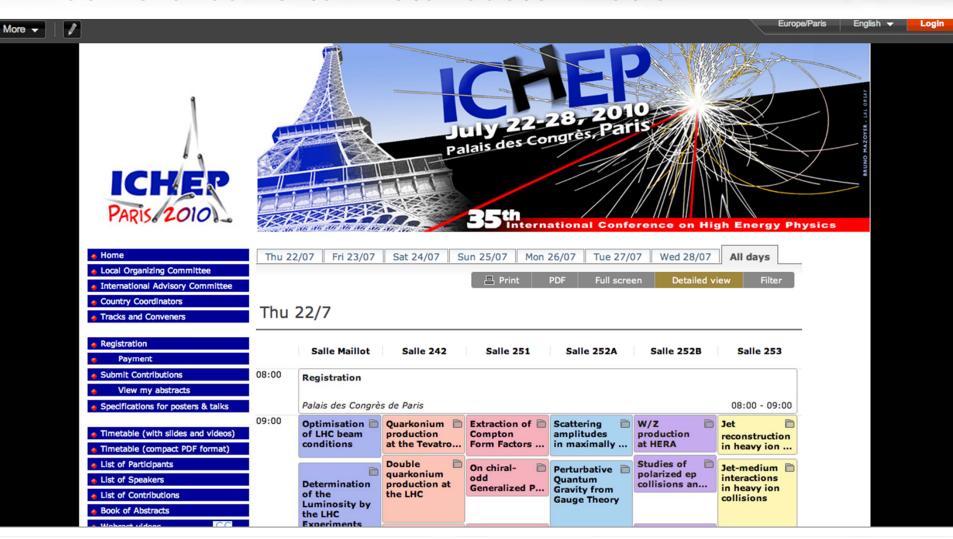


One tool only for managing the event lifecycle

- 1)Creation, configuration and management of the conference web portal
- 2) Definition of the conference tracks/themes
- 3)Registration
 - Badge creation
 - Online payment
 - Mailings
- 4) Call for abstract
 - Abstract selection
- 5)Creation and display of the timetable
 - Plenary, parallel or poster sessions
- 6) Submission of presentations and final papers
 - Review and edition
- 7) Evaluation form
- 8)Creation of the conference proceedings



.Conference Portal: Total Customization





-Registration

- Flexible creation of forms
- Epayment
- Automatic printing of badges
- Mailings and export in different formats



Features: Confere

Registration Form

Please, note that fields marked with * are mandatory

ent

-Registration

- Flexible creation of forms
- Epayment

- Automatic printing of badges
- Mailings and export in different for

	Name CERN Badge template
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Elements	0 1 2 3 4 5 6 7 8 1
Insert Remove	European Laboratory for Particle Physics Laboratoire européen pour la physique des particules
Selection: Institution	Conference Name
Position:	Conference Dates Full Name (w/o title)
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☐ Snap to grid	4
	Institution
Attributes	
Font	Courier \$\displaystyle{\psi}\$ black \$\displaystyle{\psi}\$
Style	Normal 💠
Alignment	Center Width (cm) 7.5 Change
Text (for Fixed Text)	(Change)

Personal data	
Title	Mr. 💌
* First Name	Jose Benito
* Surname	Gonzalez Lopez
Position	
* Institution	CERN
Address	
* City	
* Country	- Select a country -
Phone	
Fax	
* Email	jose.benito.gonzalez@cem.ch
Personal homepage	

Fees Conference Rate a. Full Conference Package: includes Full. Conference Registration (entry to all conference sessions, 855 CHF morning and afternoon tea breaks and lunch) plus Networking Dinner on Wednesday O b. Full Conference Package (Reduced Partner and Sponsor rate): includes Full Conference Registration 689 CHF (entry to all conference sessions, morning and afternoon tea breaks and lunch) plus Networking Dinner on Wednesday O c. Full Conference Registration: includes entry to 674 CHF all conference sessions, morning and afternoon tea breaks and lunch d. Full Conference Registration (Reduced Partner and Sponsor rate): includes entry to all conference 507 CHF sessions, morning and afternoon tea breaks and lunch e. Day 1 Registration only (Wed 25th Nov 2009): includes entry to Day 1 conference sessions, morning and 417 CHF afternoon tea breaks and lunch f. Day 2 Registration only (Thu 26th Nov 2009): includes entry to Day 2 conference sessions, morning and 417 CHF afternoon tea breaks and lunch a. Day 1 Student Registration only (Wed 25th Nov 127 CHF 2009): includes entry to Day 1 conference sessions, morning and afternoon tea breaks and lunch h. Day 2 Student Registration only (Thu 26th Nov. 127 CHF 2009): includes entry to Day 2 conference sessions, morning and afternoon tea breaks and lunch Networking Dinner 182 CHF

register





European Laboratory for Particle Physics Laboratoire européen pour la physique des particules

Fastures Confere

The Test Conference

13-17 September 2012

DASDSA, dasdas

dasdsa



European Laboratory for Particle Physics Laboratoire européen pour la physique des particules

The Test Conference

13-17 September 2012

GONZALEZ LOPEZ, Jose Benito

CERN



European Laboratory for Particle Physics Laboratoire européen pour la physique des particules

The Test Conference

13-17 September 2012

FERREIRA, Jose Pedro

CERN



European Laboratory for Particle Physics Laboratoire européen pour la physique des particules

The Test Conference

13-17 September 2012

GUINEA, Pig

CERN

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register

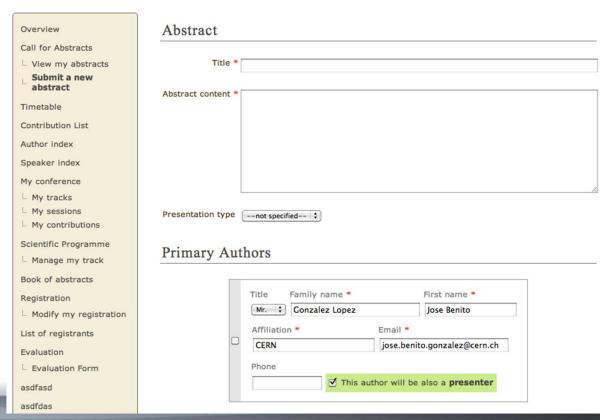


.Call for abstracts

- Abstract: a short version/summary of a scientific paper
- Flexible creation of forms to submit abstracts
- Abstract review process (coordinators)

Accepted abstracts will become contributions for the

conference

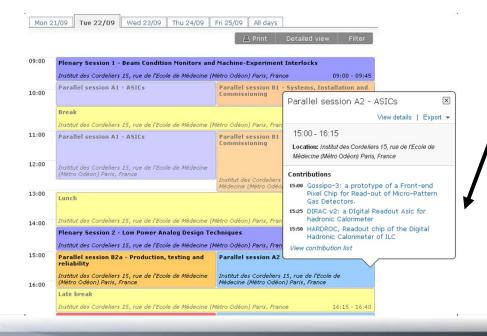




.Call for abstracts

Accepted abstracts ... will become ... Contributions

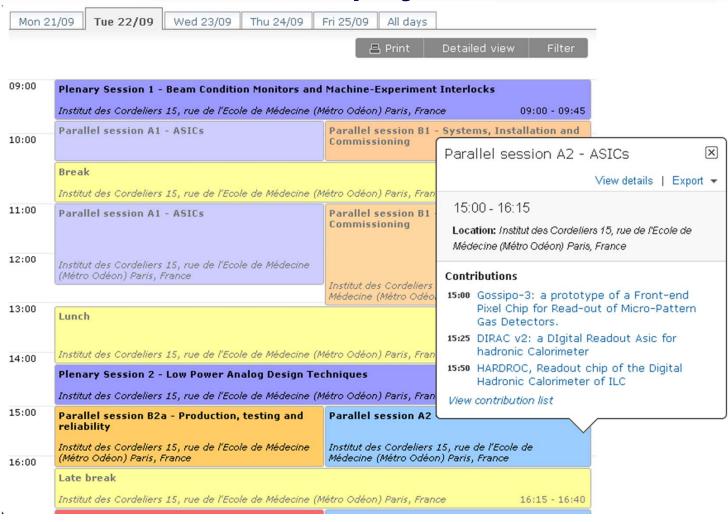




Contributions can be scheduled in the timetable



.Timetable: creation and display





Fields marked with * are mandatory.

Evaluation Form

You will submit this form as "GONZALEZ LOPEZ, Jose Benito".

1. Did you attend all the workshop?

- Flexible creation of forms
- Statistics and graphics
- Export in different formats

	O no					
	please,	fill something in				
					•	
atistics—————————————————————————————————						
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У	es (100%)					no (0%)
Opinion about the workshop ⑦						
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Evaluation for JaCoW



.Paper reviewing

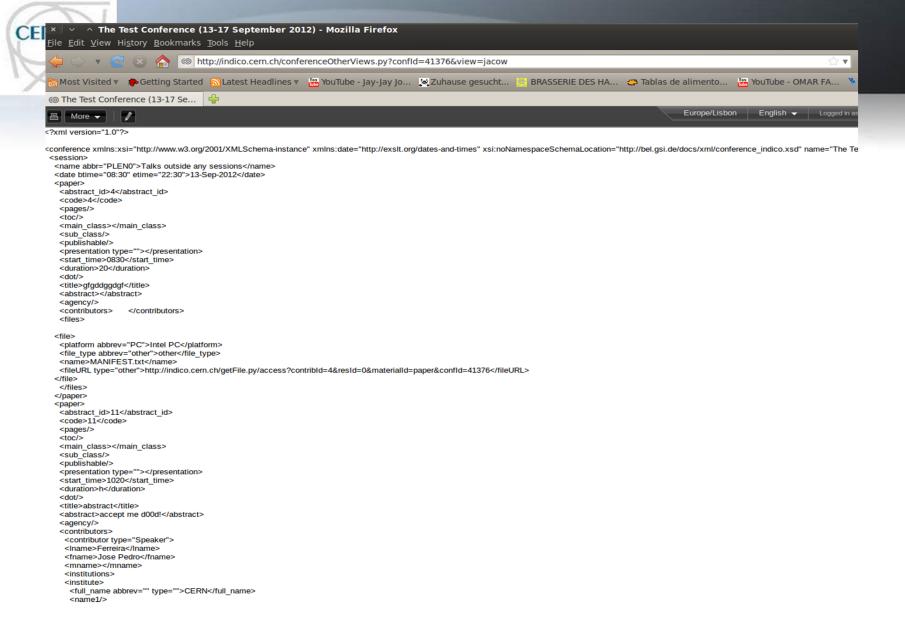
- Reproduce the paper reviewing process of a conference
- Layout and content reviewing
- Email notifications
- Author submits paper
- Communication tools between reviewers and authors

Accepted Contribution: contribution 1 Go back to: Contributions list Material Sub Contribution Paper Reviewing Final Judge Assign Team Layout judgement ? Judgement Comments Criteria Evaluation Layout Reviewer Submiss criteria 1 : Strongly Agree EDITOR3, nick Fri 30 Oc Accept criteria 2 : Agree Content judgement ? Judgement Approved questions Content Reviewer Comments To be corrected Is the paper coherent with the content of the conference? : Agree REVIEWER, dida Final Judgement ② Is the paper coherent with the content of the conference? Reviewing questions: 0000000 Judgement No judgement yet (edit) Comments None (edit) These comments, along with your judgement, will be sent by e-mail to the author(s) Send for reviewing Judgement not send yet



.Proceedings

- Very basic:
 - For each presentation with paper
 - Compile all together in a big zip file
 - Creation of a table of contents and chapters automatically
- Another option: Volker's scripts





Proceedings

- Volker's'scripts? Possibility to automatically use them from Indico?
- For proceedings we need:
 - DB of authors
 - DB of affiliations
 - It would be possible to add this info to Indico! (Plugin)



JACoW vs Indico

.Yesterday's pre-meeting:

Is it possible to integrate JACoW and Indico?

-Goal:

- An organizer that wants to use Indico, together with...
- ...the JACoW profiles to ensure...
- ...great proceedings thanks to Volker's scripts

How to do this:

- Plugin on Indico in order to authenticate and fetch profiles from JACoW database
- At CERN, we already have a similar plugin to authenticate CERN users!

-2 options:

- Using a dedicated Indico installation for JACoW
- Using local Indico at the institution



JACoW vs Indico

Hidden for users/organizers **Create Conference** (flag JACoW) Authenticate and Indico Organizer search authors **JACoW**



JACoW vs Indico

Some requirements:

- Replace free text for authors with search tools everywhere
- Disabling edition of author data
- Allow JACoW login for some conferences
- ...

and decisions:

- Dedicated server vs Already existing Indico
- Who is developing what? And When?



More about Indico







Room Booking

INDICO
Integrated Digital Conference

Europe/Zurich

English (USA) -

Logged in as Baron, T.

Login as...

Logout

▼ Search

Home Create event ▼

Room booking

Server admin

My profile

Help ▼

View Rooms

Search rooms

Map of rooms

My rooms

View Bookings

Book a Room

Search bookings

Calendar

My bookings

My PRE-bookings

Bookings in my rooms

PRE-bookings in my rooms

24Room(s) found:

	Photo	Room name	Capacity	Site	Actions
		4-3-004	10	Meyrin	view book modify
		6-2-002	15	Meyrin	view book modify
		6-2-004	40	Meyrin	view book modify
		6-2-008	15	Meyrin	view book modify
	Wast Trans	BE Auditorium Meyrin	120	Meyrin	view book modify
		13-1-017	15	Meyrin	view book modify
		13-2-005	90	Meyrin	view book modify
		17-1-007	25	Meyrin	view book modify
		40-S2-D01	92	Meyrin	view book modify
_	The state of the s				



Home

Room Booking: v0.98

Search

Create event ▼

Room booking

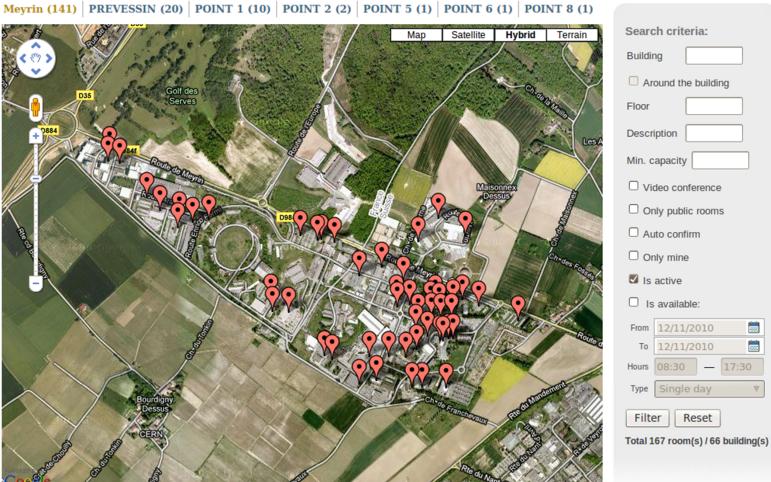
Administration -

My profile

Help ▼

View Rooms Search rooms Map of rooms My rooms View Bookings Book a Room

Search bookings Calendar My bookings My PRE-bookings Bookings in my rooms PRE-bookings in my rooms

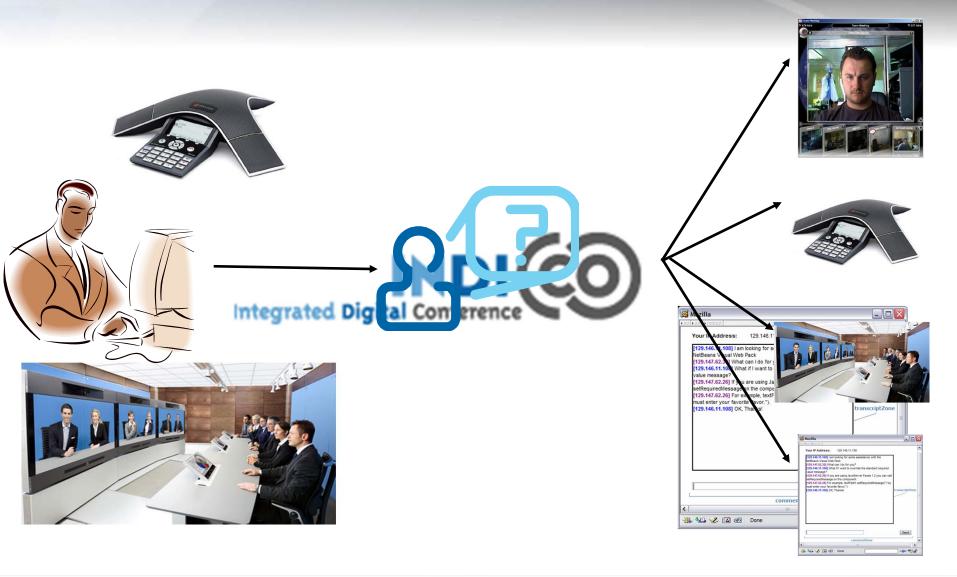








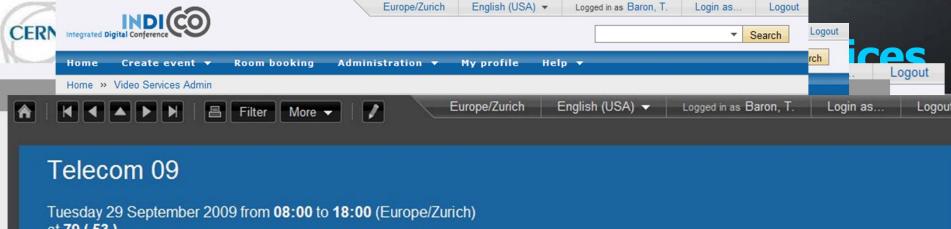
A Hub for Remote Collaboration





Collaboration Tools/Services

- Video Services:
 - EVO: your pc, videoconference
 - Vidyo: your pc, videoconference
 - CERNMCU: videoconference dedicated system
- Webcast Request
- Recording Request
- Audio Request
- Chat rooms



at 79 (53)

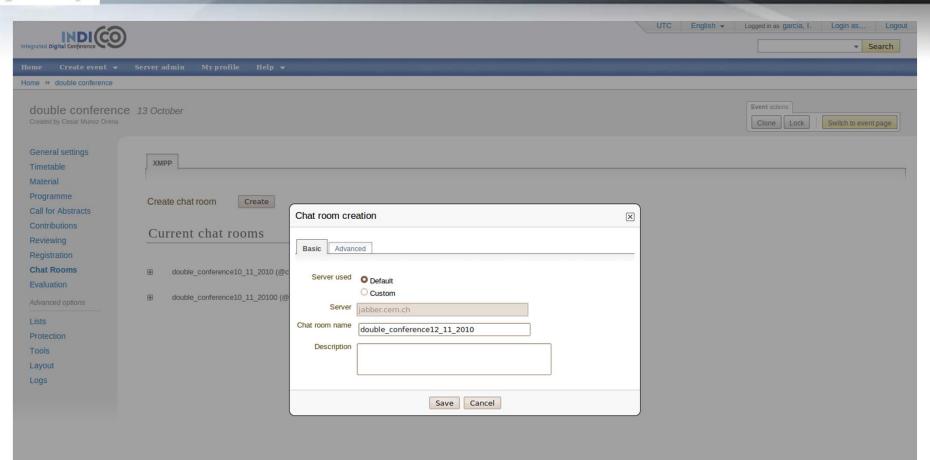
Manage *

Video Services Telecom 09: ongoing until today at 19:00 (EVO) Join Now!



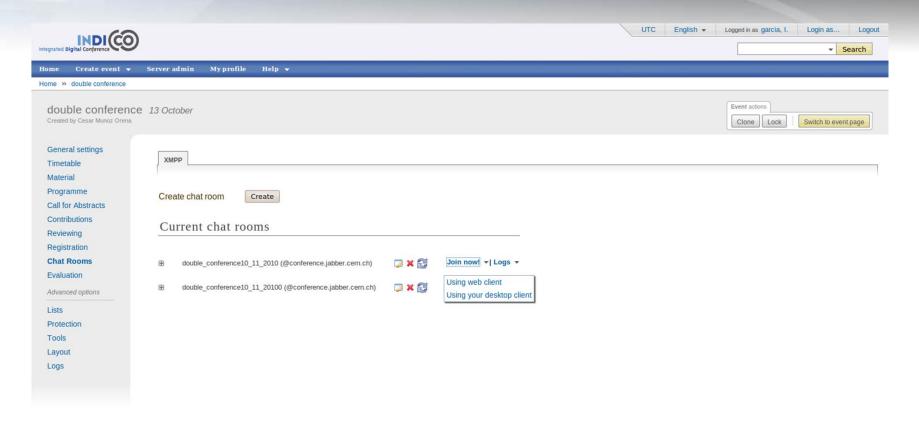


Chat rooms: v0.98



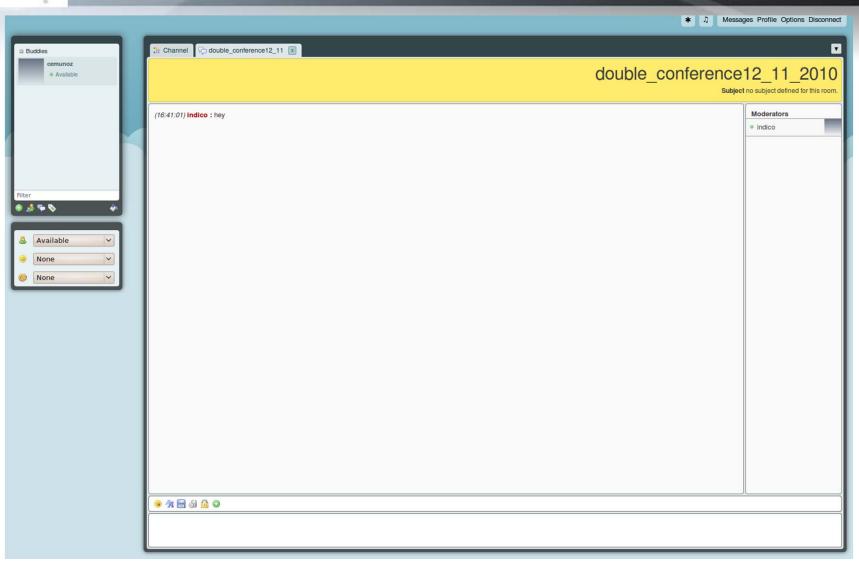


Chat rooms





Chat rooms





You and Indico

Open source code

Freely Downloadable from http://indico-software.org
Wiki, Documentation, Blog, Ticketing, Repo, Community, Team, Roadmap

Support

- 1) Free:
 - a. Through some administrators mailing lists: project-indico-administrators@cern.ch
 - b. Jabber live support (room: indico, server: conference.jabber.cern.ch)
- 2) Paying support, hosted or on-premise installations and maintenance through commercial companies



Thank you for your attention! Any questions?

indico-team@cern.ch

http://indico.cern.ch
http://indico-software.org



- Optimization:
 - WSGI vs mod_python
 - Abstract listing: 10% faster
 - Accept abstract: 50 times faster
 - Booking a room: 10 times faster
 - Registrant listing: from 5 sec to 1 sec
 - Event overview and calendar in homepage: 5 times faster.
- Map of conferences
- Webchat
- Paper reviewing
- ...and more



- •v0.97 is released (rc2)
- •v0.98b in December:
 - OAI refactor: OAI implementation is a performance leak. Creation/modification of
 - Performance optimization [March 2010] Ongoing (Pedro, Leszek, Ian)
 - Test suite [out on 15th Feb 2010 Jeremy] Done (Jeremy, Pedro)
 - ZODB improvements [start date: 22 Feb 2010 Davide] Done
 - Task daemon [start date: August 2010 Pedro]
 - Indico webchat [start date: Feb 2010 Cesar] Ongoing
 - Room Booking optimization: cancel bookings, display of calendar. [start date: Feb
 - Map of rooms [start date: Summer 2010 Nikolche] Done
 - Moving to WSGI [start date: Summer 2010 Dani] Done
 - Call for abstracts improvements [start date: Oct 2010 Alexis] On going
 - Paper reviewing module [TESTING]



.Definition of the conference tracks/themes

Conference webpage

Overview

Scientific Programme

Call for Abstracts

- L View my abstracts
- L Submit a new abstract

Timetable

Contribution List

Author index

My conference

My contributions

Book of abstracts

Streaming

support
 support

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; Online calibration procedures; Remote access to and control of data acquisition systems and experiment facilities.

Event Processing

Event simulation and reconstruction; Physics analysis; Event visualization and data presentation; Toolkits for simulation and analysis; Event data models; Specialized algorithms for event processing.

Software Components, Tools and Databases

Programming techniques and tools; Software testing; Configuration management; Software build, release and distribution tools; Quality assurance; Documentation; Foundation and utility libraries; Mathematical libraries; Detector geometry models; component models; Object dictionaries; Scripting; Graphics.

A Hardware and Computing Fabrics

Basic hardware, multicore and multiple CPUs, benchmarks and real experience; Fabrics virtualization; Fabrics management and administration; Local/site I/O, access to data, MSS systems.

Grid Middleware and Networking Technologies

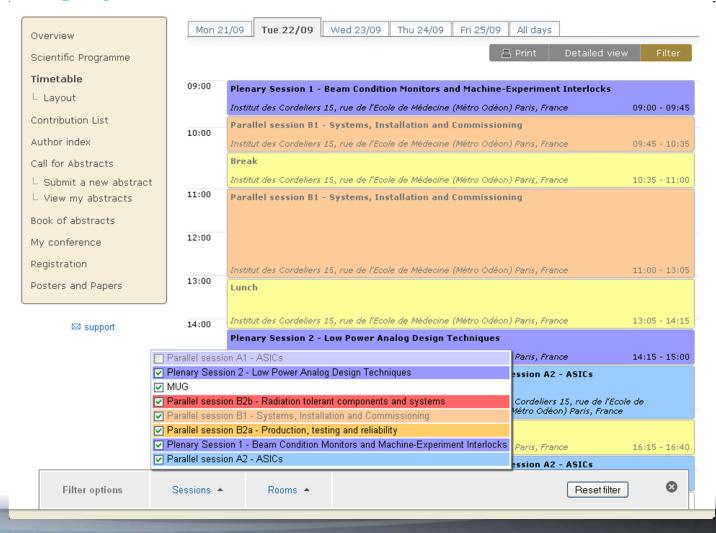
Grid middleware, both experiment specific and generic; Perspectives in middleware development; Middleware reliability and interoperability; Grid middleware configuration, testing, and management tools; Grid monitoring tools; Networks and their relation to grid systems; Grid and WAN data





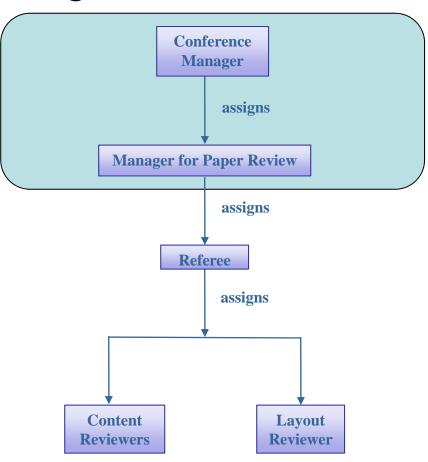
•Timetable: creation and display

Filtering by session and room





.Paper reviewing

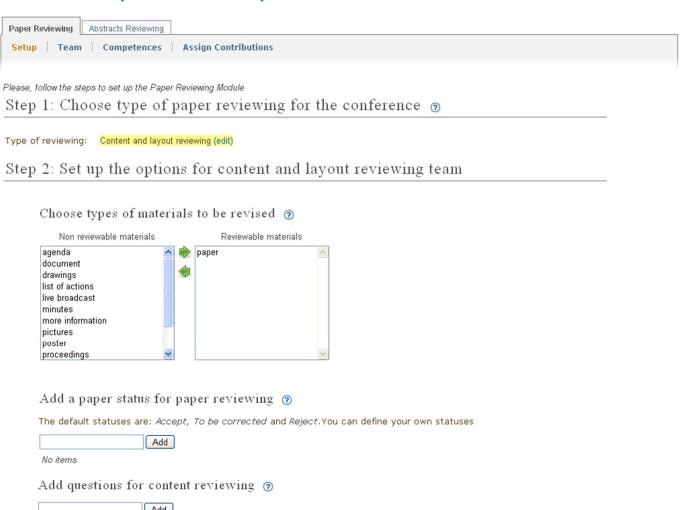




.Paper reviewing

Manager • Few steps to setup the module







			idi idgeli
nt page Paper Revie	ewing Abstracts Reviewing		
settings	Team Competences Assign Con	tributions	
ial	withe steps to assign Paper Reviewing Team Step 1: Assign Managers	of Paper Reviewing Module	@
ewing butions	Managers of Paper Reviewing Module	PAPER REVIEW, manager	
tion ed options	responsibilities: Setup, Assign contributions to Referees, Define team competences		
on		Add Existing	
	Step 2: Assign Reviewer	S (9)	
	Referees responsiblities: Assign, contributions to Reviewers, Give final judgement	REFEREE11, anna	
		Add Existing	
	Content Reviewers responsibility: judge content verification of contributions	REVIEWER2, pepi	
		Add Existing	
	Layout Reviewers responsibility: judge form verification of contributions	EDITOR3, nick	

To define paper reviewers competences, please click on 'Competences'



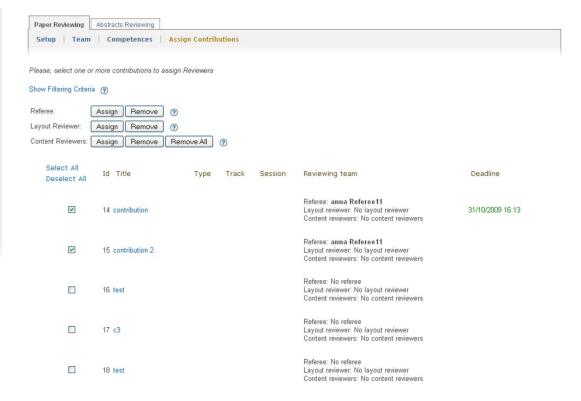
Add Existing



.Paper reviewing

Easy way to assign papers/contributions in batches

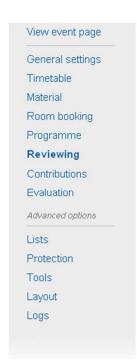


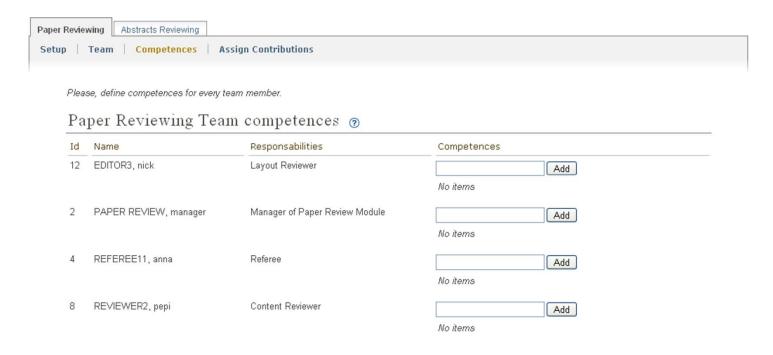




.Paper reviewing

Creation of competences for the team

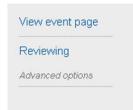






.Paper reviewing

• Definition of reviewing criteria:



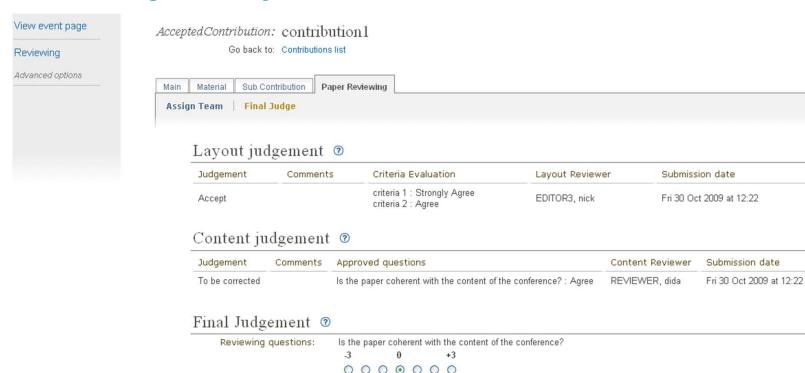
AcceptedContribution: contri	bution1
Go back to: Contribution	ons list
Main Material Sub Contribution	Paper Reviewing
Judge Content	
Give opinion on o	content of a contribution
Reviewing questions	Is the paper coherent with the content of the conference?
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	000000
Judgement	To be corrected (edit)
Comments	None (edit)
	These comments, along with your judgement, will be sent by e-mail to the author(s)
Send for reviewing Judgeme	ent not send yet



These comments, along with your judgement, will be sent by e-mail to the author(s)

.Paper reviewing

Final Judgment by referee



Judgement No judgement yet (edit)

Comments None (edit)

Send for reviewing Judgement not send yet



Europe/Zurich

English (USA) -

Logged in as Baron, T. Login as... Logout

▼ Search

My profile Help ▼ Server admin Home Create event ▼ Room booking

king

View Rooms	Search for a room
Search rooms My rooms	Choose a room
View Bookings	Room
Book a Room Search bookings	Search for a room
Calendar	Location Location all Y
My bookings	Room description Must contain
My PRE-bookings	Availability Must be Available Booked Don't care O
Bookings in my rooms	Start Date 29/9/2009
PRE-bookings in my	End Date 29/9/2009
rooms	Hours 08:30 — 17:30
	Type Single day
	PRE-Bookings Check conflicts against pre-bookings ?
	Capacity About people ①
	Required need Blackboard Computer Projector
	☐ Ethernet ☐ Microphone ☐ PC
	☐ Telephone conference capability ☐ Video conference ☐ Wireless

Is public 🗸 🥎 Auto confirm

? Only mine

? Active? 🔽 ?

Search

Special attributes