



two decades of history, many more to come

Duarte Galvão, Michel Succar (CERN)



The screenshot shows the Indico web interface. At the top, there's a navigation bar with links for 'Home', 'Create event', 'Room booking', and 'My profile'. Below this is a search bar with placeholder text 'Enter your search term' and a 'Create event' button. The main content area is divided into two sections: 'Main categories' on the left and 'News' and 'Upcoming events' on the right.

Main categories

Category	Events
CERN-Related Clubs, Associations and Forums	9,256 events
Committees	12,044 events
Conferences, Workshops and Events	10,460 events
Departments	116,959 events
Directorate	507 events
Experiments	856,409 events
Global Indico	10,523 events
Outreach	2,395 events
Projects	74,220 events
Schools, Seminars and Courses	12,030 events
TEST Category	69 events

News

- Indico 3.3
Posted 5 Dec 2023
Adding Images to minutes
Posted 29 Aug 2022
- Indico 3.2
Posted 19 Jun 2022

Upcoming events

- Data Science Applications in Physics, Balkan ...
register until Friday
- 10th MEFT Workshop
starts Tomorrow
- 4th MeV2GeV Workshop
starts Tomorrow
- Statnett Veit and official signing of MoC
starts Monday
- 50 years of QCD
starts 31 Jan 2024
- US Particle Physics for the Next Ten Years
starts 2 Feb 2024

- **Event Management System**
- **Collaborative effort - MIT License**
- **Core Developed at CERN**
- **With contributions from the United Nations, Max-Planck Institute for Physics and many others!**
- **70+ developers over the years**



The most popular event management system you never heard about

- **300+ servers**
- **> 350K users**
- Initial growth in research, but growing beyond it
 - indico.un.org
 - events.canonical.org
 - indico.gnome.org
 - lpc.events



indico.un

A FULLY HOSTED
SOFTWARE AS A SERVICE
BUILT ON CERN'S
OPEN-SOURCE
TECHNOLOGY (INDICO),
SUPPORTING ON-SITE,
VIRTUAL, AND HYBRID
MEETINGS



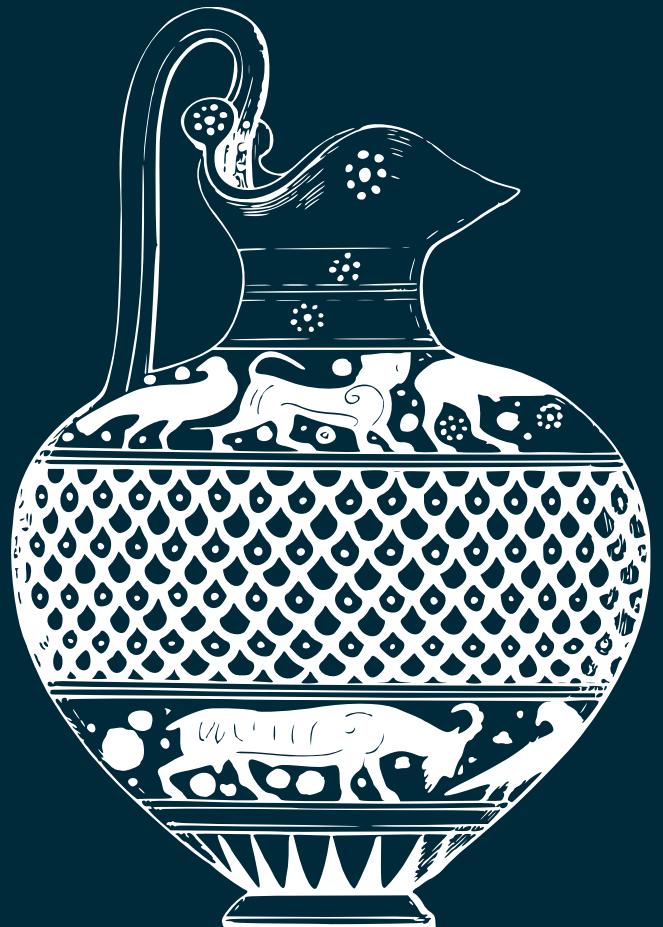
USED BY:



9/10 AVERAGE CUSTOMER
SATISFACTION



History



- 1999 - CDS Agenda
- 2002 - EU Project
- 2004 - Indico in Production
- 2007 - Room Booking
- 2008 - Interface overhaul
- 2013 - First Workshop
- 2015 - The UN starts using it
- 2017 - Indico 2.0 (rewrite)
- 2021 - Indico 3.0 (Python 3)
- 2023 - 1 Million Events
surpassed at CERN 🎉
- 2024 - 20 years!



Integrated Digital Conferencing

Fact Sheet

Programme(s)

[FP5-IST - Programme for research, technological development and demonstration on a "User-friendly information society, 1998-2002"](#)

Topic(s)

[IST-2001-3.4.1 - Semantic Web technologies](#)

Call for proposal

Data not available

Funding Scheme

[CSC - Cost-sharing contracts](#)



Project Information

INDICO

Grant agreement ID: IST-2001-34306



Project closed

Start date

1 May 2002

End date

30 April 2004

Funded under

Programme for research, technological development and demonstration on a "User-friendly information society, 1998-2002"

Total cost

€ 1 521 461,00



EU contribution

€ 1 240 000,00

Coordinated by

SCUOLA INTERNAZIONALE SUPERIORE DI STUDI

AVANZATI



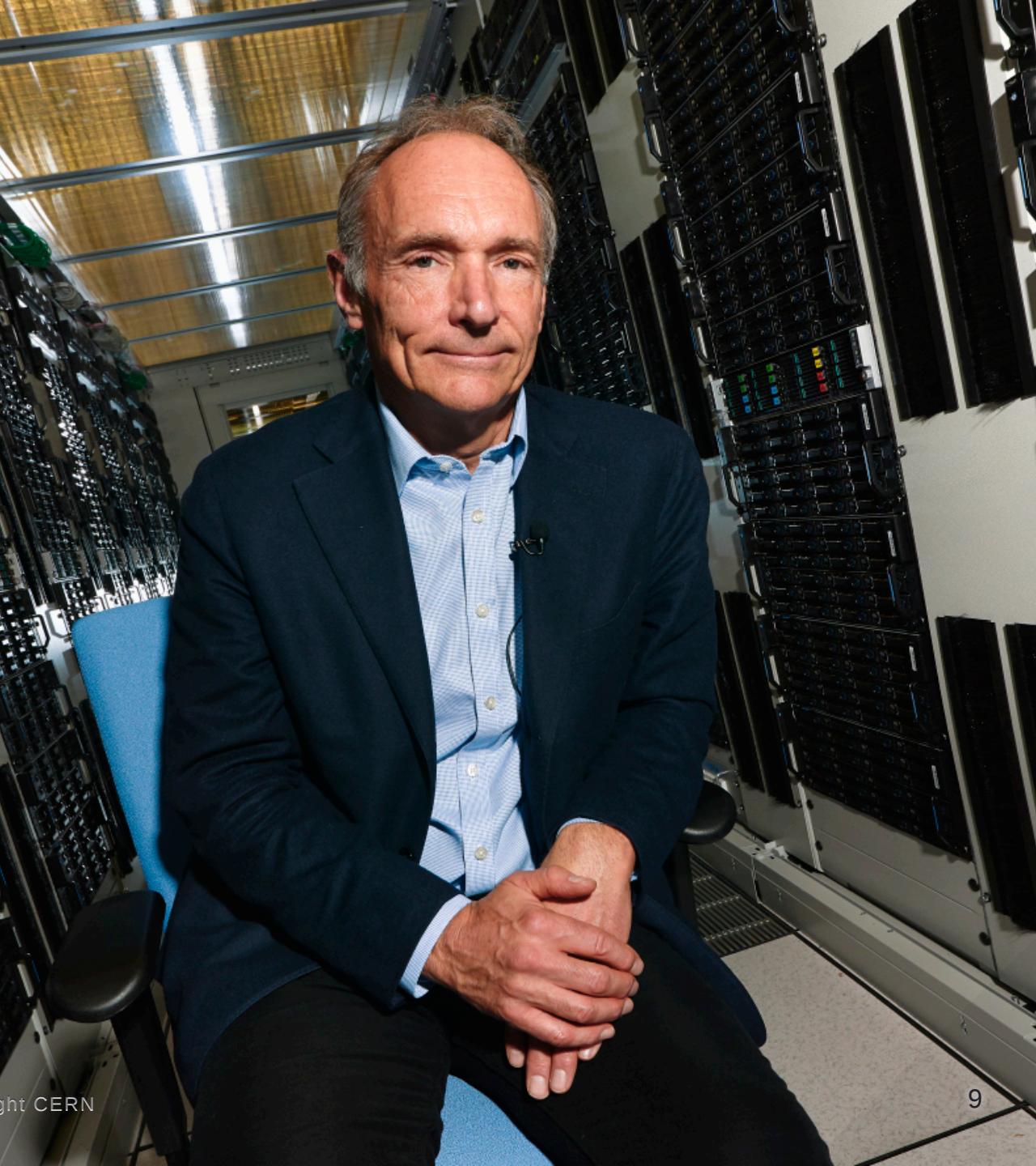
<https://cordis.europa.eu/project/id/IST-2001-34306>



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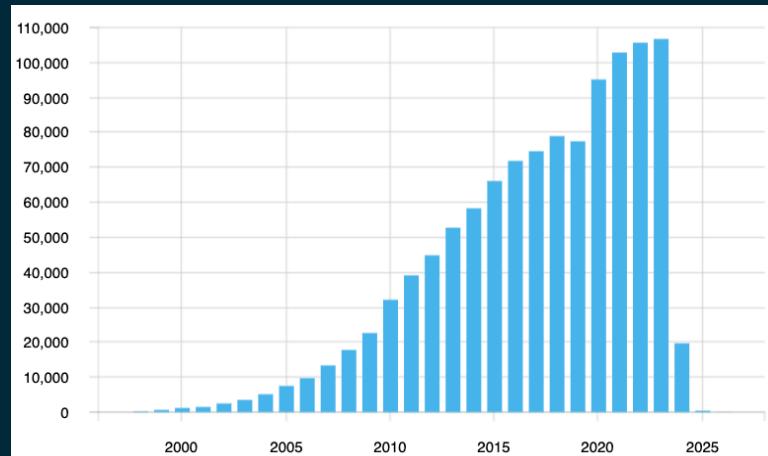
CERN

- ~17.000 people on campus
- ~230 meeting rooms
- 100.000+ events/year
 - 1.000.000+ events total
- (Distributed) Meetings
- Conferences, workshops

Adoption at CERN

The 18th International Conference on Strangeness in Quark Matter (SQM 2019) was held in Bari, Italy, from June 10-15, 2019. The website features a header with the conference logo and a photo of the Bari waterfront. The sidebar includes links for Overview, SQM 2019 main website, Timetable, Overall layout, Call for Abstracts, Contribution List, Book of Abstracts, Registration, Fee payment, Participant List, Conference info (with a link to sqm2019.bna.infn.it), and a Conference file section. The registration form shows fields for Personal Data, including Title, First Name, Last Name, Email Address, Affiliation (CERN), Member of the Italian Physical Society (IFIS) Address, and a note about institution name and country.

EVENTS BY YEAR



FCC-hh physics analysis meeting, Thursday 29 Nov 2018, 16:00 → 18:00 Europe/Zurich, CERN. The agenda includes:

- 16:00 → 16:10 Introduction: Speakers: Filip Moortgat (CERN), Heather Gray (IHEP). [FCC_intro_Nov29.pdf](#)
- 16:10 → 17:00 Update on tqq constraints from single top production: Speaker: Lev Dudko (M.V. Lomonosov Moscow State University (RUS)). [2018-11-29-FCC_FCC...](#)
- 17:00 → 17:30 Update on HH-4b: Speakers: Ana Carvalho (Universidade de Lisboa (PT)), Ricardo Jose Morais Silva Goncalo (LIP Laboratorio de Instrumentacao e Fisica Experimental de Part.). [FCPhysics_HHbb...](#)
- 17:30 → 17:50 Update of HH-4b4l: Speaker: Elisa Fontanelli (Università e INFN, Bologna (IT)). [FCC-HH meeting \(29...](#)

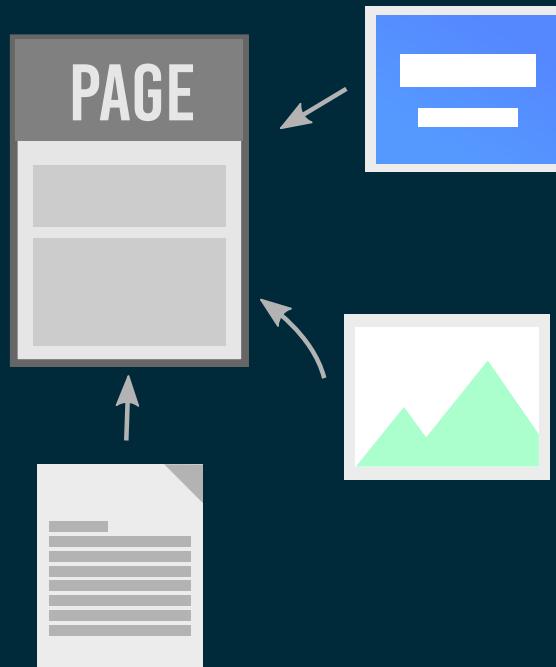
Rucio Development Meeting, Thursday 18 Feb 2021, 15:00 → 16:00 Europe/Zurich, Martin Barisits (CERN). The agenda includes:

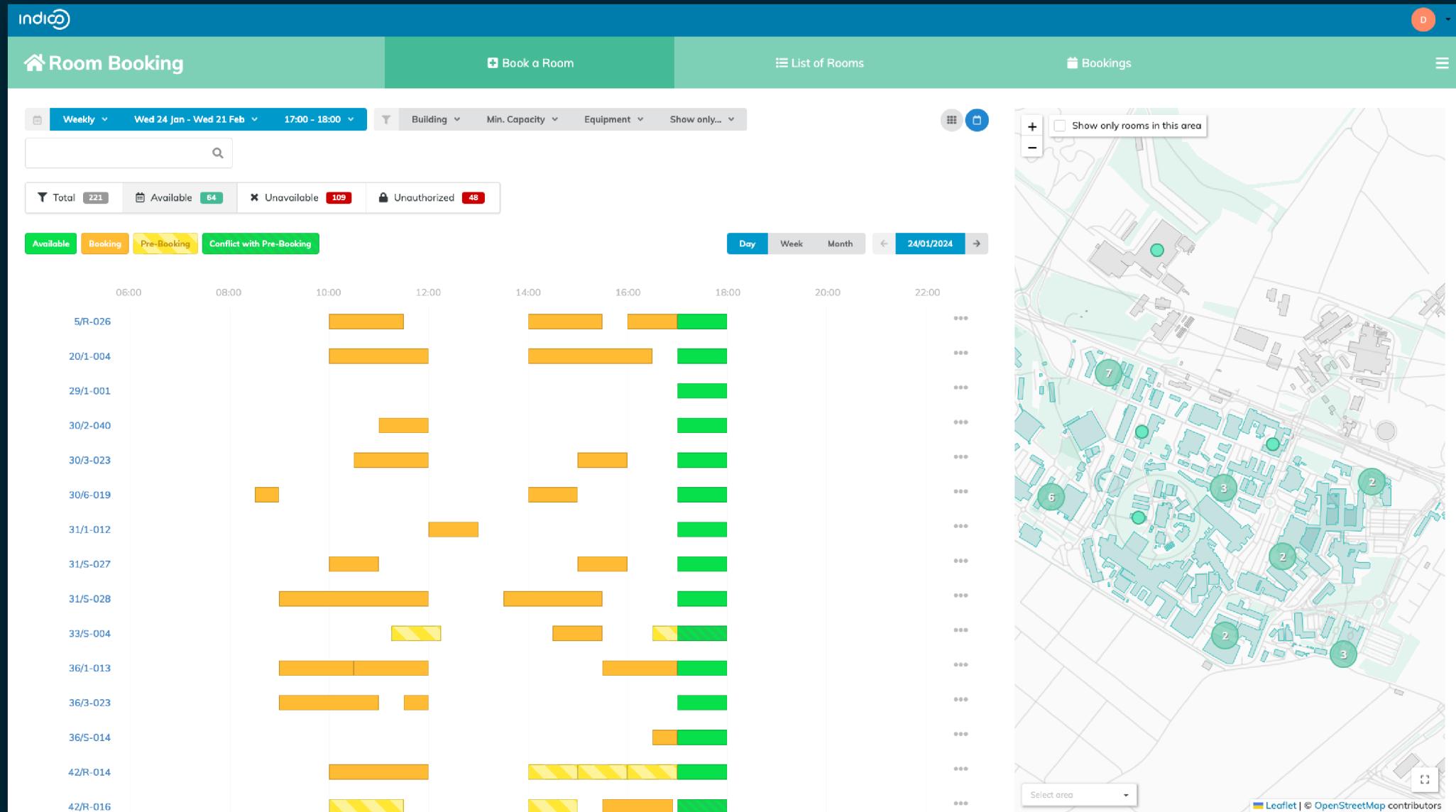
- 15:00 → 15:10 News:
 - Two releases this week
 - # 1.24.3 post1
 - # 1.24.4
 - Release schedule
 - # 1.24.5 Feb-22
 - # 1.23.13 LTS Feb-22
 - # 1.23.14 LTS Feb-22
 - Code Freeze from Feb-24
 - # 1.25.0 v1 Feb-25
 - # 1.25.0 Mar-1 ... Mar-5

CONFERENCES WORKSHOPS



MEETINGS LECTURES







Philosophy

- "General purpose" **core**
- Extension through **plugins** ✨
- **Themes** 🎨 (customization)

Under the Hood

- Python 3 
- PostgreSQL 
- Flask
- Celery
- SQLAlchemy
- React
- Semantic UI React
- *among many others!*



Extensions

- Video conferencing 
- Payment Systems 
- Automatic conversion to PDF 
- Search 
- Storage 
- URL Shortening 
- Internal Workflows (e.g. recording, visitors)

Zoom

The screenshot shows a Zoom meeting invitation for "CTE Section Meeting #87".
- **Title:** CTE Section Meeting #87
- **Date & Time:** Wednesday 31 Jan 2024, 16:00 → 16:30 Europe/Zurich
- **Organizer:** Pedro Ferreira (CERN)
- **Videoconference:** A zoom link is provided with a "Join" button.
- **Registration:** A message states "You are registered for this event." with a "Check details" button.
- **Participants:** A list of participants includes Adrian Mönnich, Dominic Hollis, Duarte Galvao, Michel Succar, Pedro Ferreira, Rene Fernandez Sanchez, Ruben Domingo Gaspar Aparicio, and Tomas Roun.

Electronic Payment

Payments

Event-wide payment settings

 **General settings**
Configure general settings for payments.

 **Configure**

Payment methods

 Manual enabled	 Bank Transfer disabled	 PostFinance CERN enabled	 PayPal™ disabled
--	---	--	--

Workflows

Logistics

You can request additional services for your event. Click one of the service buttons below to send a request or to view/modify an existing request.

The screenshot shows a section titled "Logistics" with a sub-instruction: "You can request additional services for your event. Click one of the service buttons below to send a request or to view/modify an existing request." Below this, there are four service buttons arranged horizontally:

- CERN Visitor Badges** (Status: Accepted)
- Room assistance**
- Videoconference assistance**
- Webcast / Recording** (Status: Accepted)

Access Registration

Request access to the CERN site
In case you do not have a valid CERN badge, you can request temporary CERN site access here.

Request access to the CERN site
CERN's Security Policy requires you to provide the following additional data. The contents of this form will not be shared with the event organizers and will only be revealed upon request from CERN's Site Surveillance service.

Once you have provided this data, you will be able to get a ticket which grants you access to the CERN site during this period: 14 September 2023 (10:00 - 12:00)

Birth date *
 DDMMYYYY 

Country of birth *
 Select a country

Place of birth *

 Vehicle Registration
 I'm coming by car



Recording of Events

Request details

These are the details provided by the event manager.

Created by [redacted]

Created at 12 May 2022, 08:38

Services Webcast Recording

Please choose whether you want a webcast, recording or both.

All contributions
Uncheck this if you want to select only certain contributions.

Webcast Audience No restriction - everyone can watch the public webcast

Select the audience to which the webcast will be restricted

Language English

Select the main spoken language during the event

Comments

If you have any additional comments or instructions, please write them down here.

Modify request Withdraw request Back



CERN Accelerating Science

Logged in as: Pedro Ferreira (pferreira) Logout Directory

CERN Webcast Website

Home Webcast Service Docs CDS Archive

10 years of Higgs boson measurements at ATLAS and CMS
by Kerstin Tackmann

This event is also available in French

Main view Camera Slides

Discovery of a new particle.
Signal steadily increasing with size of dataset: "Textbook discovery".
Why were looking for a Higgs boson, but what is it then we found?

Event details

Date Thursday 01 Feb 2024, 17:03 → 17:03 (Europe/Zurich)
Location 500/L-001

Speaker(s) Kerstin Tackmann

Abstract

On 4 July 2012, a packed CERN Auditorium, joined by physicists in Melbourne on the eve of ICHEP2012, along with a global webcast audience, learned that the long-awaited Brout-Englert-Higgs mechanism had

Issues during the playback? Contact us using this form.

Event page

Hot desking

The screenshot shows the indigo@Burotel interface for managing hot desking. The top navigation bar includes links for 'Burotel', 'Book a Desk', 'List of Spaces', and 'Bookings'. Below the navigation is a search bar and filters for 'Daily' (selected), 'Thu 1 Feb - Thu 8 Feb', 'Location', 'Building', 'Equipment', and 'Experiment'. A status summary shows 'Total 591', 'Available 86', 'Unavailable 53', and 'Unauthorized 454'. The main area displays four sections of desks:

- 15**
15/R-014
15/R-014 - Desk 4 LHCb
LHCb
✓
- 15/R-016**
15/R-016 - Desk 2 LHCb
LHCb
✓ 15/R-016 - Desk 4 LHCb
LHCb
✓
- 15/R-022**
15/R-022 - Desk 2 LHCb
LHCb
✓
- 15/R-024**
15/R-024 - Desk 2 LHCb
LHCb
✓

To the right is a map of a campus or building complex, color-coded by room availability. Red dots indicate unavailable rooms, while green and blue dots indicate available rooms. Room numbers like 653, 20, 8, 17, 42, and v2 are labeled on the map. A legend at the bottom right indicates 'Select area' and credits 'Leaflet | © OpenStreetMap contributors'.

Themes / Customization

The screenshot shows the Indico web interface for the International Linear Collider (ILC) Agenda. The top navigation bar includes links for Home, Create event, and a search bar. The main content area displays 'Main categories' with a list of event types and their counts:

Category	Events
ILC International Development Team	502 events
Machine Design	2,157 events
Physics and Detectors	4,154 events
Conference and Workshops	119 events
Institutions	1,172 events
Linear Collider Collaboration	177 events
Test Area	101 events

To the right, there is a 'News' sidebar with three entries:

- Indico 3.3 (Posted 21 Dec 2023)
- Indico 3.2 (Posted 22 Jun 2022)
- Indico 3.1 (Posted 6 Jan 2022)

At the bottom, the footer includes the Indico logo and links for Help and Contact.

Themes / Customization

The screenshot shows a meeting agenda for the FCC-hh physics analysis meeting at CERN on Thursday, November 29, 2018, from 16:00 to 18:00 Europe/Zurich time.

Agenda:

- 16:00 → 16:10 Introduction**
Speakers: Filip Moortgat (CERN), Heather Gray (LBNL)
File: FCC_intro_Nov29.pdf
- 16:10 → 17:00 Update on tqq constraints from single top production**
Speaker: Lev Dudko (M.V. Lomonosov Moscow State University (RU))
File: 2018-11-29-FCC_FC...
- 17:00 → 17:30 Update on HH->4b**
Speakers: Ana Carvalho (Universidade de Lisboa (PT)), Ricardo Jose Morais Silva Goncalo (LIP Laboratorio de Instrumentacao e Fisica Experimental de Part)
File: FCCphysics_hhbbb...
- 17:30 → 17:50 Update of HH->bb4l**
Speaker: Elisa Fontanesi (Universita e INFN, Bologna (IT))
File: FCC-hh meeting (29...

Themes / Customization



The screenshot shows the homepage of the Higgs 2020 conference website. The header features a large 'H' logo with a particle collision visualization behind it, followed by the text 'Online conference' and 'HIGGS 2020'. Below the logo, it says 'Higgs 2020' and '26-30 October 2020'. A note indicates 'There is a [live webcast](#) for this event.' On the right, the date 'October 26-30' is displayed. The top navigation bar includes 'Public', 'Europe/Rome', and a user profile for 'P. Ferreira'. A search bar is located at the bottom right.

Overview

- Call for Abstracts
- Timetable
- Registration
- Session conveners
- Participant List
- Contribution List
- Special event
- Bulletins
- Chairs and speakers Infos
- Zoom connection links
- Breakout Rooms
- Committees

Due to the ongoing Covid-19 pandemic the in-person Higgs conference at Stony Brook/BNL is postponed to 2021. Nevertheless, Higgs 2020 will proceed online this year.

Follow us on Twitter: @HiggsConference

Higgs 2020 (former Higgs Couplings) is this year's installment of an annual conference devoted to new experimental and theoretical results on the Higgs boson. The 2020 conference will present the latest results from the LHC on the Higgs boson mass, spin/parity, and couplings and will present new theoretical work devoted to the measurement of Higgs parameters and possibilities for exotic Higgs decays. The conference will provide an opportunity for critical discussion of the current strategies for studying the Higgs boson at the LHC and the next steps beyond the LHC. Higgs 2020 will include several sessions of parallel contributions on current research topics.

Zoom connection for Plenary Sessions

<https://cern.zoom.us/j/97061949349>

Zoom connections for Parallel Sessions

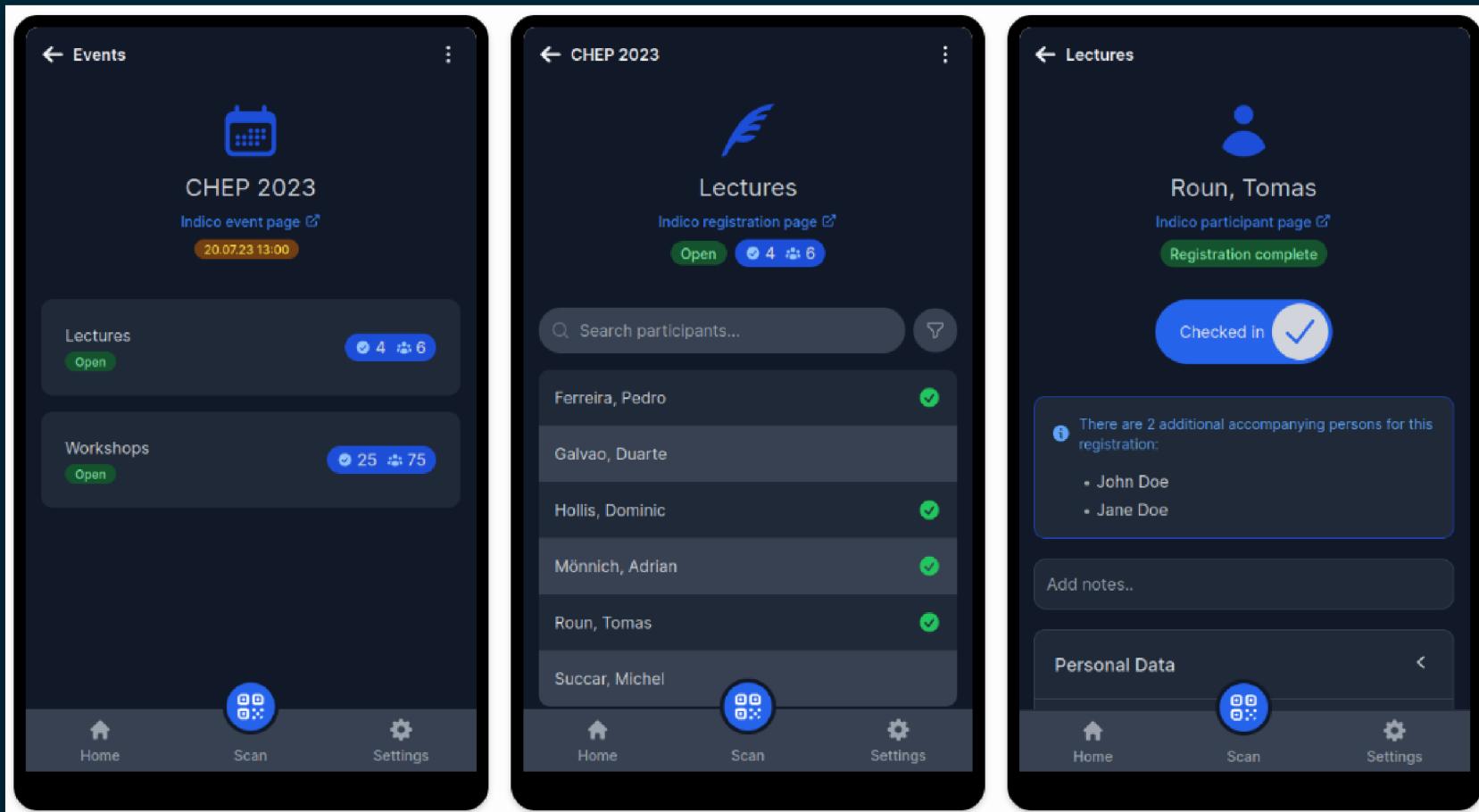
Session A (Precision): <https://cern.zoom.us/j/99197698239>

Session B (Yukawa): <https://cern.zoom.us/j/94061343557>

Session C (HH): <https://cern.zoom.us/j/94128951251>

Session D (ETE): <https://cern.zoom.us/j/9402862506>

Check-in App (PWA)



How to get Indico?

-  **Option 1: run it yourself**
 - **Pros:** full control, data sovereignty/privacy, cheap (if you have internal IT know-how)
 - **Cons:** may become expensive if there is no know-how
-  **Option 2: get someone to run it on your own infrastructure**
 - **Pros:** full control, data sovereignty/privacy, cheap (if you have your own IT infrastructure)
 - **Cons:** you still need to have your own IT infrastructure
-  **Option 3: get someone to host/run it for you (cloud)**
 - **Pros:** most likely cheaper than running your own IT
 - **Cons:** data sovereignty/privacy

Some known providers

- Mythic Beasts
- S2Innovation
- unconventional.dev (CERN spin-off)

Governance

- Clear **Governance Policy** with **roles and bodies**
- Regular workshops and community events
- **Consultative board:** CERN, UN and MPP
- "**Making Indico better for us and everyone else**" e.g. accessibility work by UN

	Contribution	Influence
Indico Community	Voluntary	Ideas and suggestions
Participating Organizations	Significant	Presence in community meetings, a say in community resource allocation
Consultative Board	Particularly relevant	Approve roadmap and steer general Project development



<https://github.com/indico/governance>

[all categories](#) **Categories** Latest Top

Category	Topics
Administrators	585
For exchanges and requests for help regarding installation, maintenance and administration of Indico.	
■ Migration from 1.2 to 2.0	
Announcements	19
For official announcements from the indico team, e.g. about new releases.	
General Discussion	513
Topics that don't need a category, or don't fit into any other existing category.	
Internationalization and Localization	43
Coordination of translation groups and general advice on translating Indico to other languages.	
Development	222
Discussions on the development of Indico plugins and modules.	
■ Accessibility ■ Plugin Development	
Site Feedback	4
Discussion about this site, its forum, how it works, and how we can improve it.	

Latest		
 Welcome to the Indico Community Forums	2	Aug '17
 How to configure SAML SSO with Ping?	0	5h
 Indico 3.2 released [v3.2.8]	15	20h
 LDAP group membership resolution	1	21h
 Translation into Vietnamese language	1	1d
 Can Indico be used for managing sporting events	1	8d
 Reverse proxy internal IP	10	9d
 Creating an event via HTTP API	6	9d
 Session & registration	2	12d
 Japanese (ja) translation group	16	12d
 Polish (pl) translation group	141	13d

Conclusion

- Extensible event management system
- Open Source
- Mature and actively maintained
- Ecosystem of plugins: official + 3rd party
- Thriving community
- Everyone is welcome!

getindico.io

 @getindico@fosstodon.org

 @getindico

[m] @#indico:matrix.org / indico@libera.chat



Indigo