



*from CERN to the* *world*

Pedro Ferreira (CERN), Dominic Hollis (CERN)



Screenshot of the Indico web interface showing the main categories page. The left sidebar lists various categories with event counts:

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

The right side shows news and upcoming events:

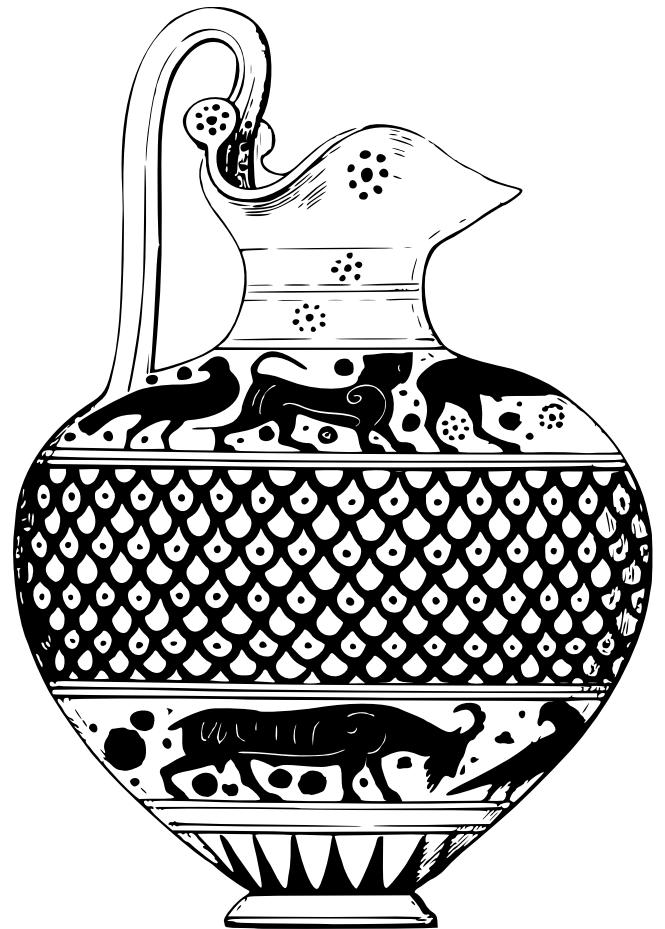
- News**
  - Indico 3.3 (Posted 5 Dec 2023)
  - Adding Images to minutes (Posted 25 Aug 2023)
  - Indico 3.2 (Posted 19 Jun 2022)
- Upcoming events**
  - Data Science Applications in Physics, Balkan ... (repeating until Friday)
  - 10th MEFT Workshop (starts Toronto)
  - 4th MeV2TeV Workshop (starts Toronto)
  - Statnett Visit 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)

Bottom navigation includes links to Help, Contact, Terms and conditions, URL Shortener, and Privacy.

- **Event Management System**
- **Core Developed at CERN**
- **Collaborative effort - Open Source**
- **70+ developers over the years**
- **250+ servers world wide**

# Community





## History

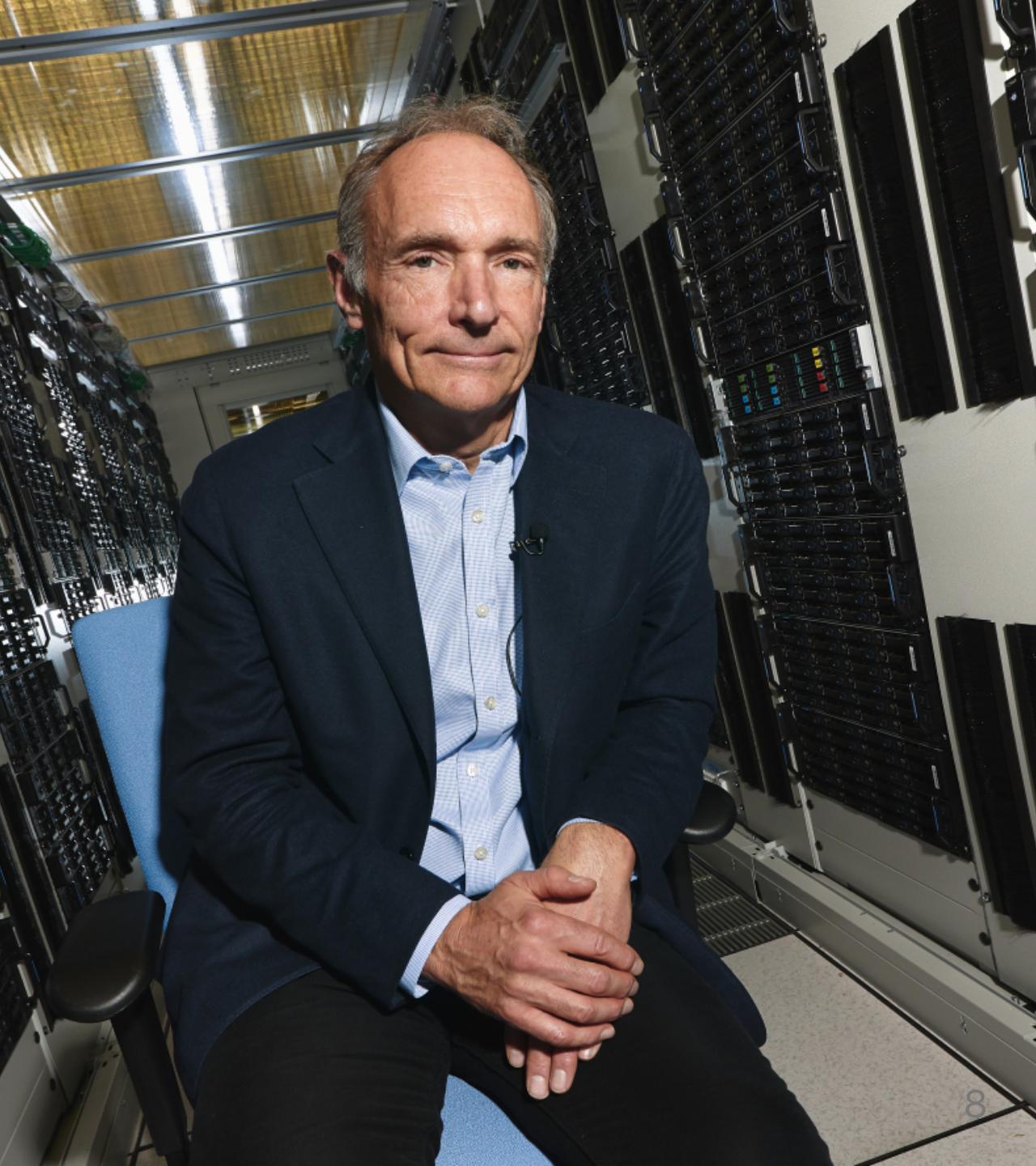
- 1999 - CDS Agenda
- 2002 - EU Project
- 2004 - First Conference
- 2007 - Room Booking
- 2009 - Video Conferencing
- 2013 - First Workshop
- 2015 - UNOG starts using it
- 2017 - Indico 2.0 (**rewrite**)
- 2021 - Indico 3.0 (**Python 3**)
- 2023 - 1 Million Events surpassed  
at CERN 🎉



## FOSS at CERN

- Open science is at the core of CERN's mission
- Indico, Invenio, Zenodo...
- CERN Open Hardware Licence (CERN OHL)
- CERN OSPO (Open Source Program Office)







## 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) will focus on new experimental and theoretical developments on the role of strange and heavy quarks in high energy heavy-ion collisions and in astrophysical phenomena.

**Scientific topics include:**

- Strangeness and heavy-quark production in nuclear collisions and hadronic interactions
- Isospin and strangeness in the strongly-coupled plasma, and hadronic medium
- Bulk matter phenomena associated with strange and heavy quarks
- Collectivity in small systems
- Strangeness in astrophysics
- Open questions and new developments

**Registration:** Registration for this event is currently open.

**Personal Data:**

Title: Choose a value

First Name: Pedro

Last Name: Ferreira

Email Address: pedro.ferreira@cern.ch

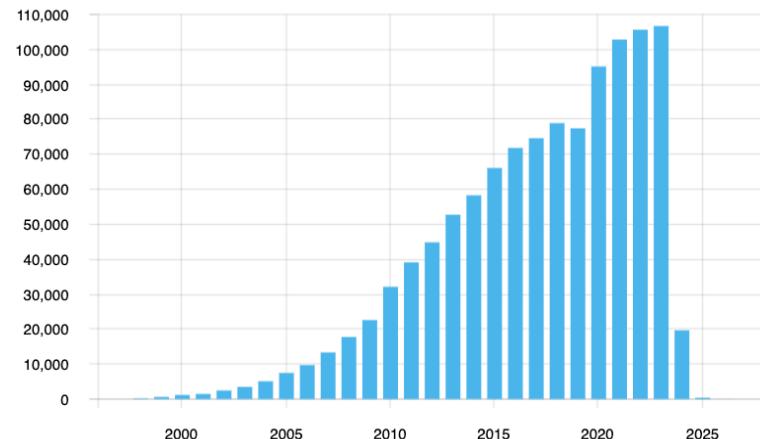
Affiliation: CERN

Country: Select a country

Member of the Italian Physical Society (SIF): no

Address: The address should include the institution name, the full mail address and the country.

## EVENTS BY YEAR



**FCC-hh physics analysis meeting**

Thursday 29 Nov 2018, 16:00 → 18:00 Europe/Zurich  
CERN

**16:00 → 16:10 Introduction**  
Speakers: Filip Moortgat (CERN), Heather Gray (JINA)

**16:10 → 17:00 Update on tqq constraints from single top production**  
Speaker: Lev Dudik (M. I. Lobachevsky Moscow State University (RUS))

**17:00 → 17:30 Update on Htt→4b**  
Speakers: Ana Carvalho (Universidade de Lisboa (PT)), Ricardo Jose Morais Silva Goncalo (LIP Laboratorio de Instrumentacao e Fisica Experimental de Particulas (PT))

**17:30 → 17:50 Update of Htt→bb4l**  
Speaker: Elias Fontanelli (Universita e INFN, Bologna (IT))

**Rucio Development Meeting**

Thursday 18 Feb 2021, 15:00 → 16:00 Europe/Zurich  
Martin Barisits (CERN)

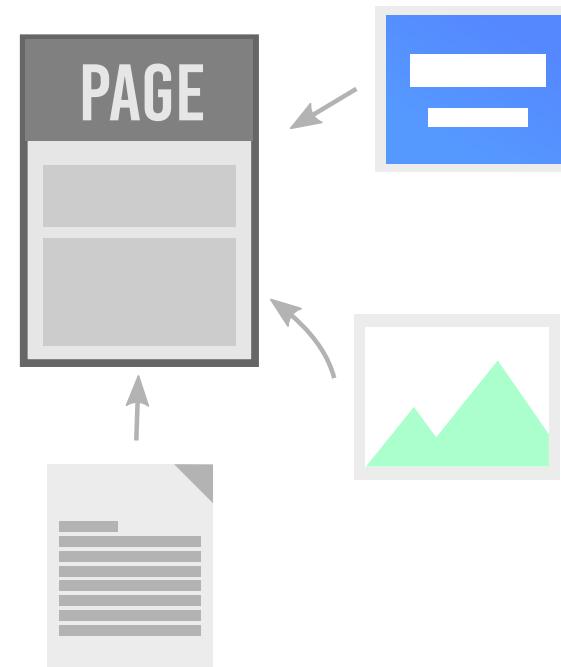
**15:00 → 15:10 News**

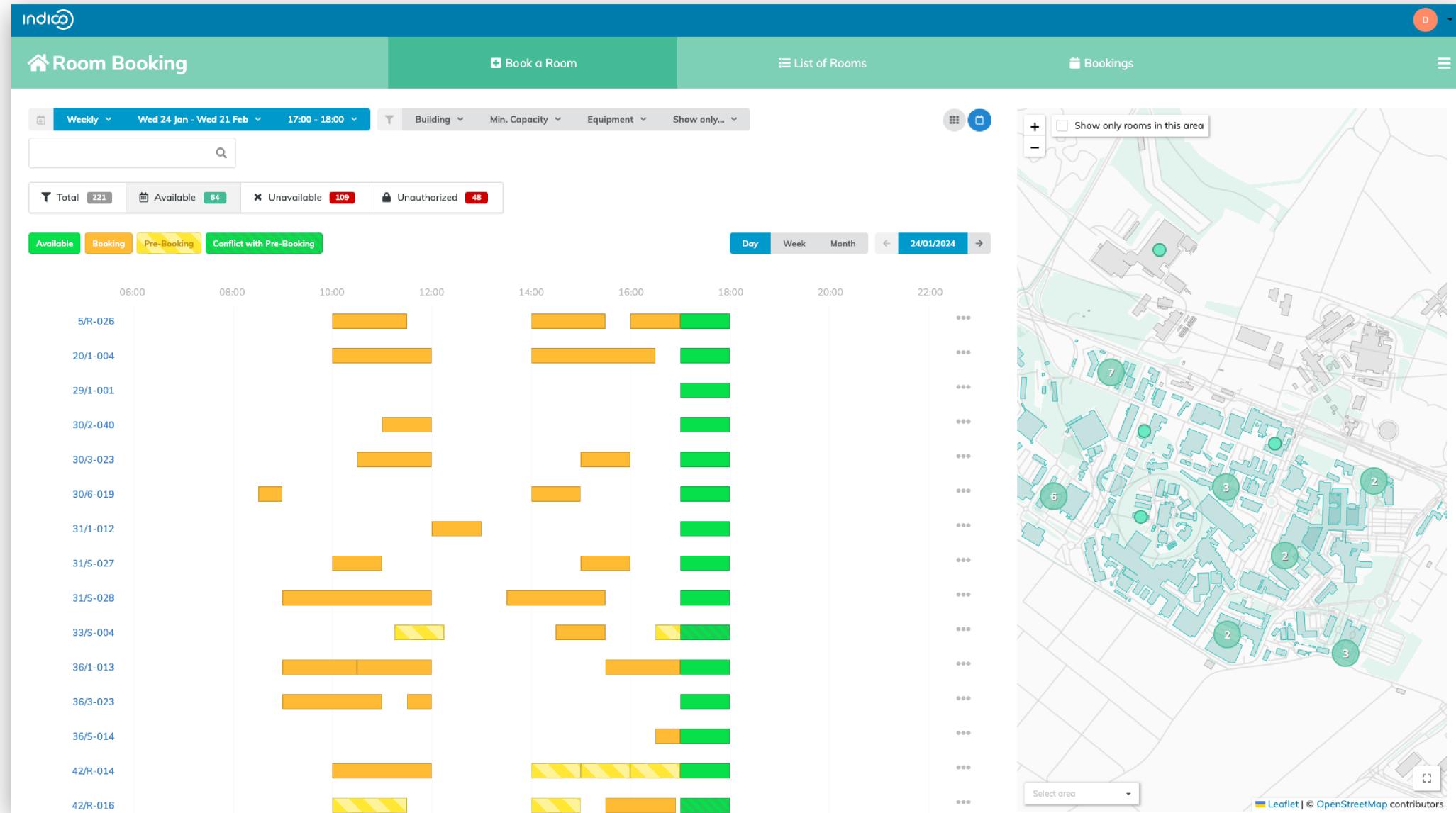
- Two releases this week
  - 1.24.3 post1
  - 1.24.4
- Release schedule
  - 1.24.5 Feb-22
  - 1.24.6 Mar-1...-22
  - 1.20.13 LTS Feb-22
  - Code Freeze from Feb-24
    - 1.25.0 Oct 1 Feb-25
    - 1.25.0 Mar-1...-Mar-5

# CONFERENCES WORKSHOPS



# MEETINGS LECTURES







## Philosophy

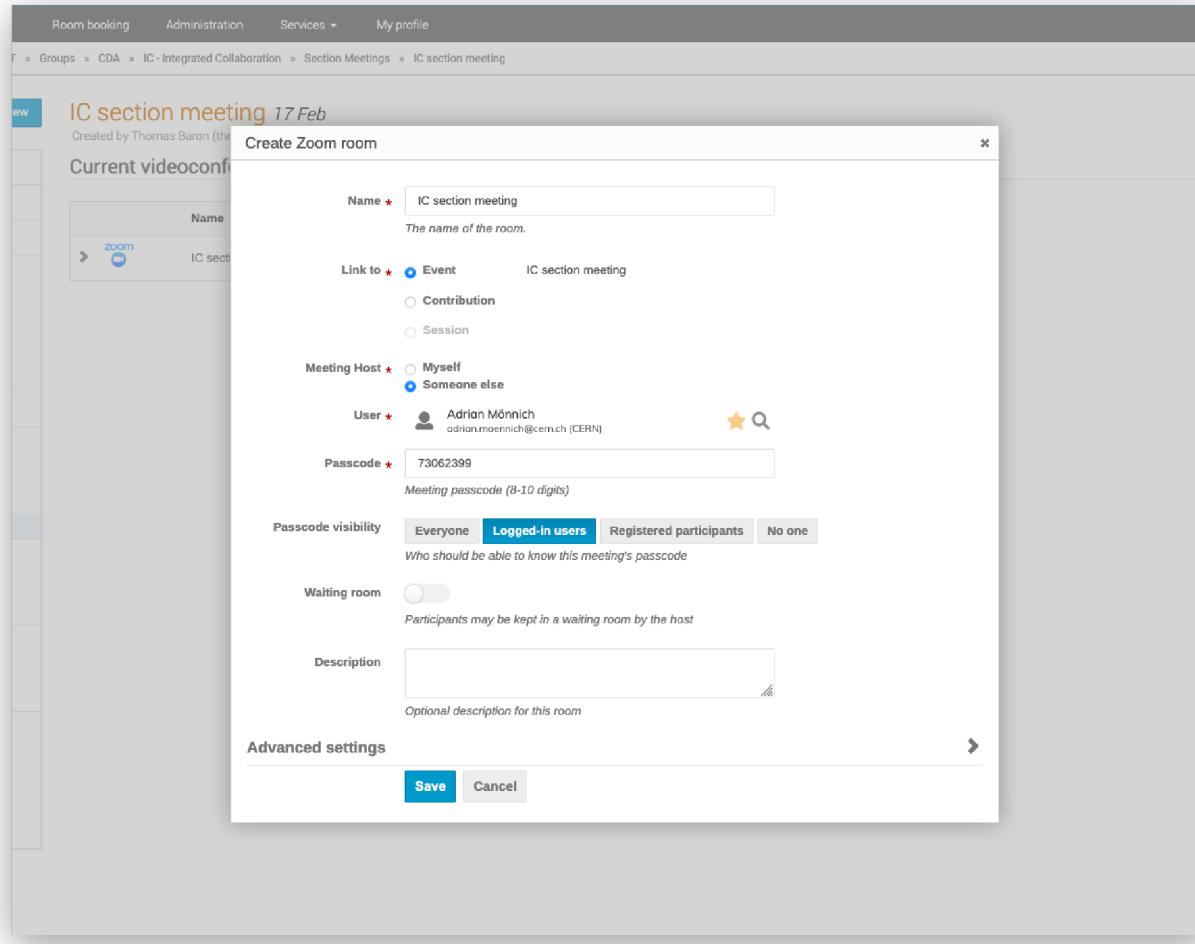
- "Agnostic" core
- Extension through **plugins** 🧩
- **Themes** 🎨 (customization)

## 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 the "IC section meeting".  
Title: IC section meeting  
Date: Wednesday 17 Feb 2021, 09:00 → 10:21 Europe/Zurich  
Organizer: Thomas Baron (CERN)  
Registration: You are registered for this event. (Check details)  
Participants: Adrian Mönnich, Giacomo Tenaglia, Hannah Short, Maria Dimou, Mathieu Vivier, Paolo Tedesco, Paweł Grzywaczewski, Pedro Ferreira, Radosław Soroka, René Fernandez Sanchez, Rubén Domingo Gaspar Aparicio  
Videoconference Rooms: IC section meeting (Join)



[https://github.com/indico/indico-plugins/tree/master/vc\\_zoom](https://github.com/indico/indico-plugins/tree/master/vc_zoom)

# Electronic Payment

**Payments**

Event-wide payment settings

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

 **Configure**

**Payment methods**

 <b>Manual</b> <b>enabled</b>	 <b>PostFinance CERN</b> <b>enabled</b>	 <b>PayPal</b> <b>disabled</b>	 <b>Bank Transfer</b> <b>disabled</b>
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# Workflows

## White Area - Summary of the CS3 2021 Conference *29 Mar*

Created by Pedro Ferreira ([paulo.ferreira@cern.ch](mailto:paulo.ferreira@cern.ch)) from event on 22 Feb 2021

### 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.

CERN Visitor  
Badges

Room  
assistance

Videoconference  
assistance

Webcast /  
Recording

# Access Registration

 **Vehicle Registration**

Are you bringing  
your own car?  YES

License plate

**⚠** If you are bringing your own car, please make sure you type in the **correct** license plate number!  
Otherwise **you won't be able to enter the site!**

*(All the fields marked with \* are mandatory)*

**Apply**

# Webcast / Recording

White Area - Summary of the CS3 2021 Conference 29 Mar  
Created by Pedro Ferreira (pedro.ferreira@cern.ch) from event on 22 Feb 2021

**Services**

Webcast / Recording

**⚠** There is a contribution in a room which does not have webcast/recording equipment. This contribution will not be webcast/recorded.

**Services \***  Webcast  Recording  
*Please choose whether you want a webcast, recording or both.*

**Webcast Audience** No restriction - everyone can watch the public webcast  
*Select the audience to which the webcast will be restricted*

**Comments**

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

**Send request** **Back**

# Hotdesks

The screenshot shows the Indico Burotel interface for booking hotdesks. The top navigation bar includes 'Book a Desk', 'List of Spaces', and 'Bookings'.

Booking filters at the top left include 'Daily' (selected), 'Thu 1 Feb - Thu 8 Feb', 'Location', 'Building', 'Equipment', 'Experiment', and a search bar.

Booking status summary below the filters:

- Total: 591
- Available: 86
- Unavailable: 53
- Unauthorized: 454

Four booking slots are listed on the left:

- 15/R-014**: 15/R-014 - Desk 4 LHCb (LHCb). Status: Available. Book icon (orange) and Search icon (blue).
- 15/R-016**: 15/R-016 - Desk 2 LHCb (LHCb) and 15/R-016 - Desk 4 LHCb (LHCb). Both status: Available. Book icon (orange) and Search icon (blue).
- 15/R-022**: 15/R-022 - Desk 2 LHCb (LHCb). Status: Available. Book icon (orange) and Search icon (blue).
- 15/R-024**: 15/R-024 - Desk 2 LHCb (LHCb). Status: Available. Book icon (orange) and Search icon (blue).

A map on the right shows the location of these desks across a building complex. Red circles indicate specific desk locations, some with numbers (e.g., 17, 20, 42, v2) and small icons. A legend at the bottom of the map indicates 'Select area'.

# Themes / Customization

The screenshot shows the Indico web interface for the International Linear Collider (ILC) agenda. The top navigation bar includes the ILC logo, the title "International Linear Collider :: Agenda", and dropdown menus for "Europe/Zurich", "English (United Kingdom)", and "Login". Below the header is a search bar with placeholder text "Enter your search term" and a "Create event" button. The main content area is titled "Main categories" and displays a list of categories with their respective event 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 news items:

- 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 the text "Powered by Indico v3.3-pre".

# Themes / Customization

The screenshot shows a meeting agenda for the FCC-hh physics analysis meeting. The top header includes the Future Circular Collider logo, the meeting title "FCC-hh physics analysis meeting", the date "Thursday 29 Nov 2018, 16:00 → 18:00 Europe/Zurich", and the location "CERN". The agenda lists four sessions:

- 16:00 → 16:10 Introduction**  
Speakers: Filip Moortgat (CERN), Heather Gray (LBNL)  
[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))  
[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)  
[FCCphysics\\_hhbbb...](#)
- 17:30 → 17:50 Update of HH->bb4l**  
Speaker: Elisa Fontanesi (Universita e INFN, Bologna (IT))  
[FCC-hh meeting \(29...](#)

# Themes / Customization



The screenshot shows a web browser displaying the Higgs 2020 conference website. The header features a large, stylized 'H' logo followed by 'IGGS 2020'. To the right, it says 'Online conference' and 'October 26-30'. Below the logo, it reads 'Higgs 2020' and '26-30 October 2020'. A note indicates 'There is a [live webcast](#) for this event.' On the right side, there's a search bar. The left sidebar has a 'Overview' tab selected, listing links for 'Call for Abstracts', 'Timetable', 'Registration', 'Session conveners', 'Participant List', 'Contribution List', 'Special event', 'Bulletins', 'Chairs and speakers Infos', 'Zoom connection links', 'Breakout Rooms', and 'Committees'. The main content area contains text about the postponement due to Covid-19 and details about the online Zoom connections.

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**

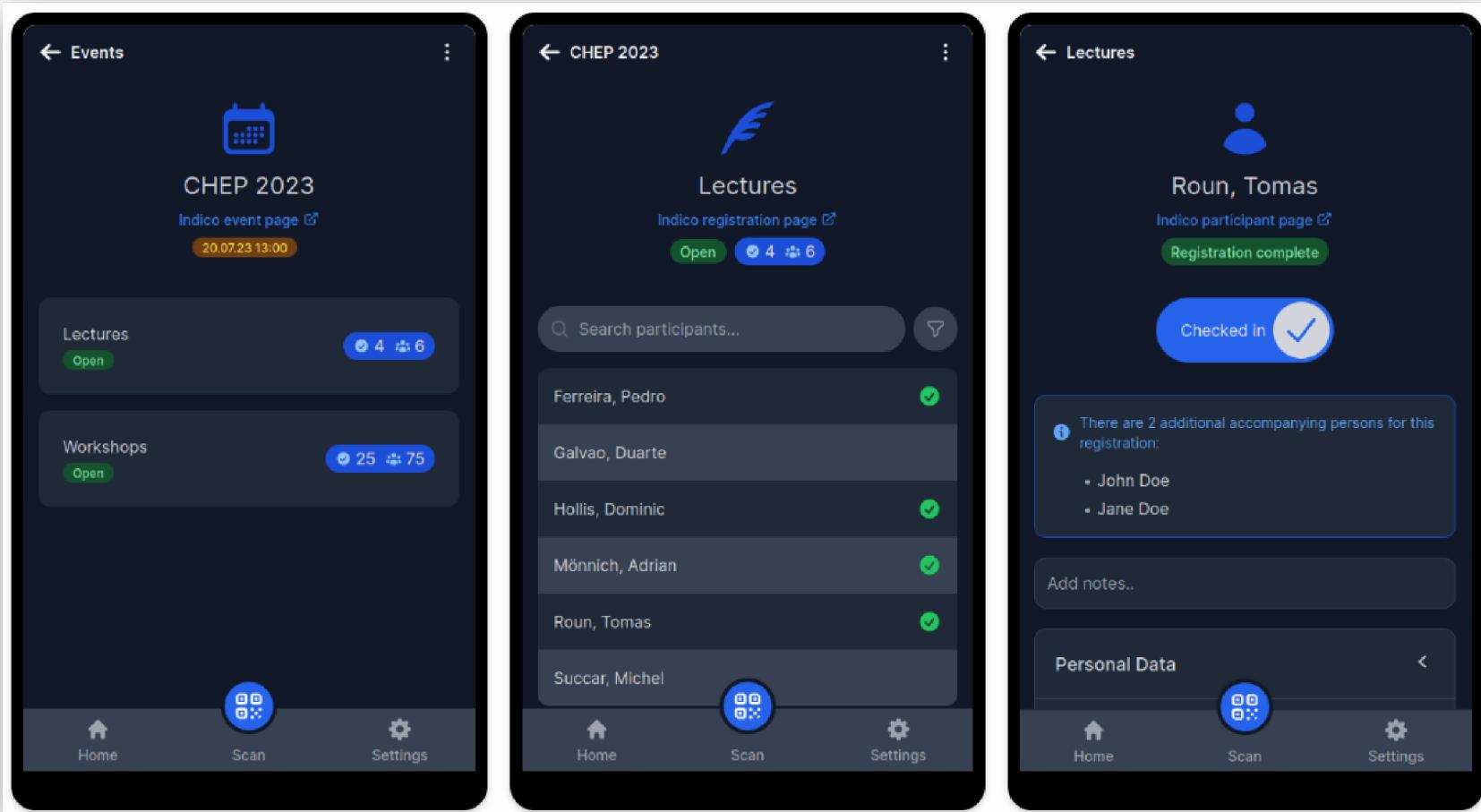
**Session A (Precision):** <https://cern.zoom.us/j/99197698239>

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

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

**Session D (FET):** <https://cern.zoom.us/j/941902862506>

# Check-in App (PWA)



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

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

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

## Conclusion

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

[getindico.io](https://getindico.io)

 [@getindico@fosstodon.org](https://@getindico@fosstodon.org)

 [@getindico](https://@getindico@x.com)



Indigo