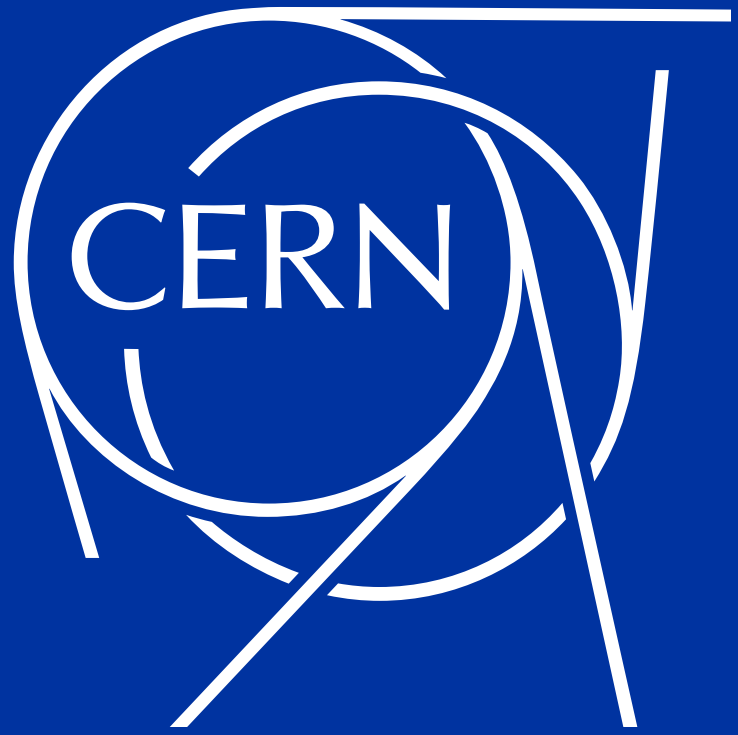
CERN

An Event Management Platform

Pedro Ferreira & Adrian Mönnich (for the Indico Team)

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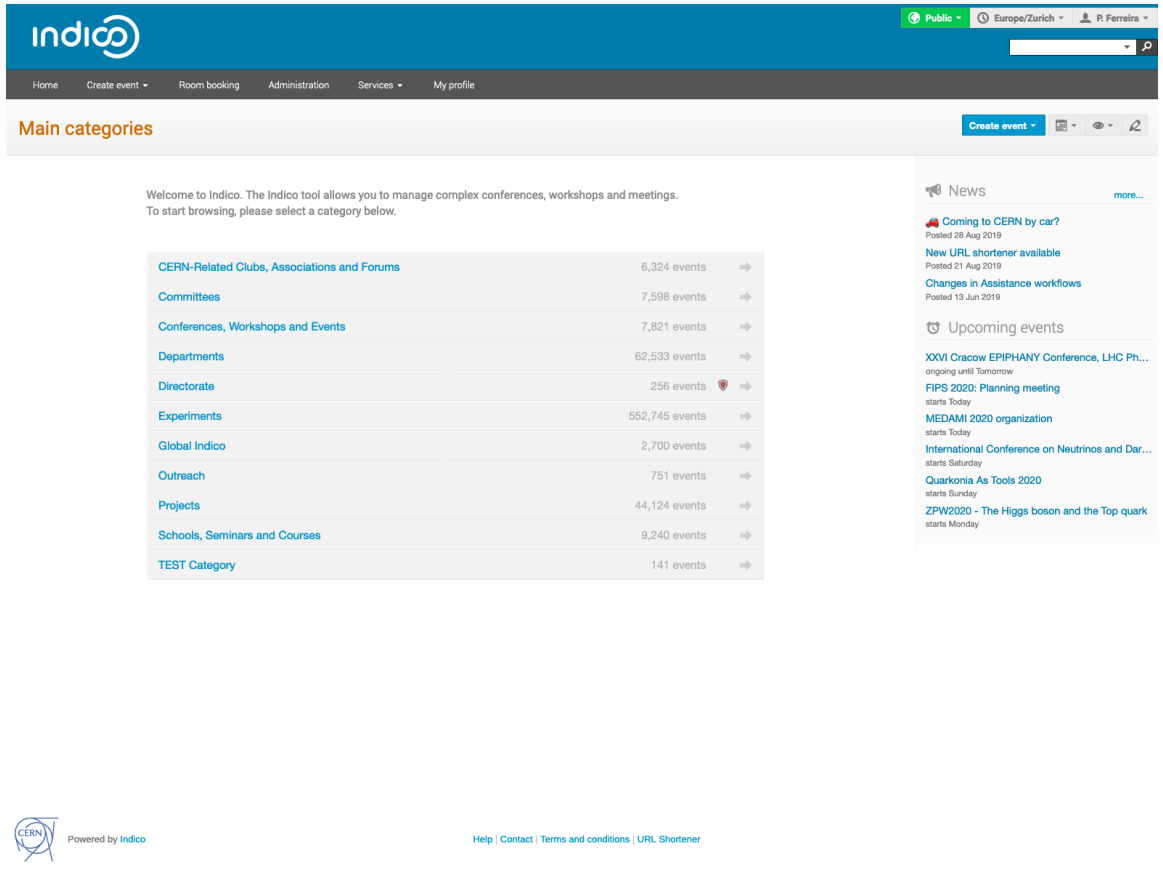

- **Event Management** System
- Developed at **CERN**
- **Collaborative effort** - Open Source
- > **70 developers** over the years
- > **150 servers** world wide

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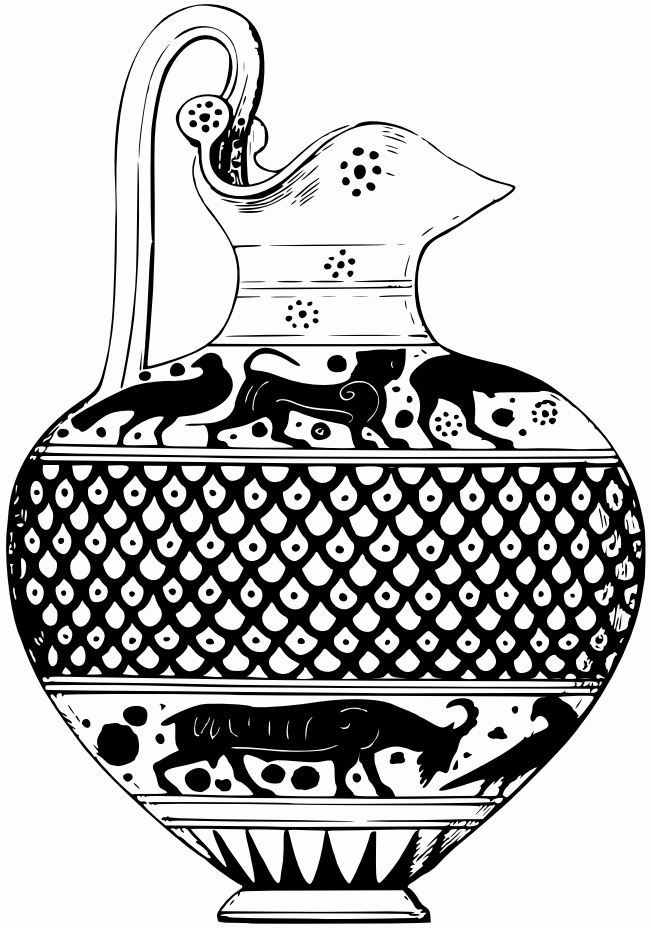

History

- **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**)
- **2019** - Modern ES and React

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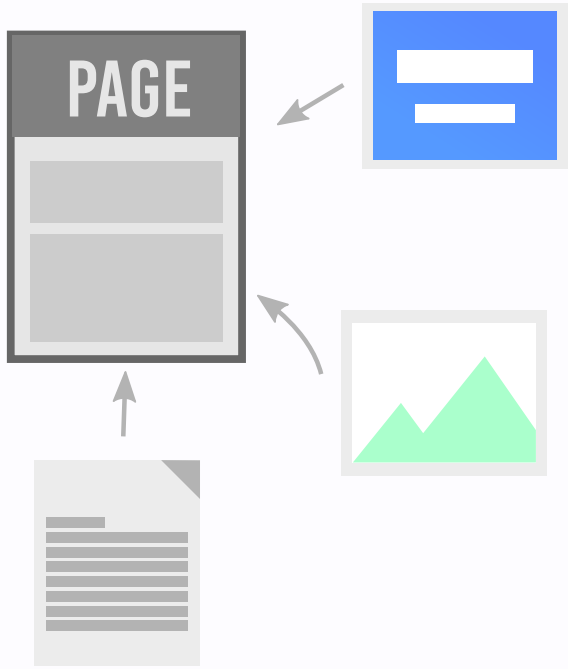
CONFERENCES
WORKSHOPS

MEETINGS
LECTURES



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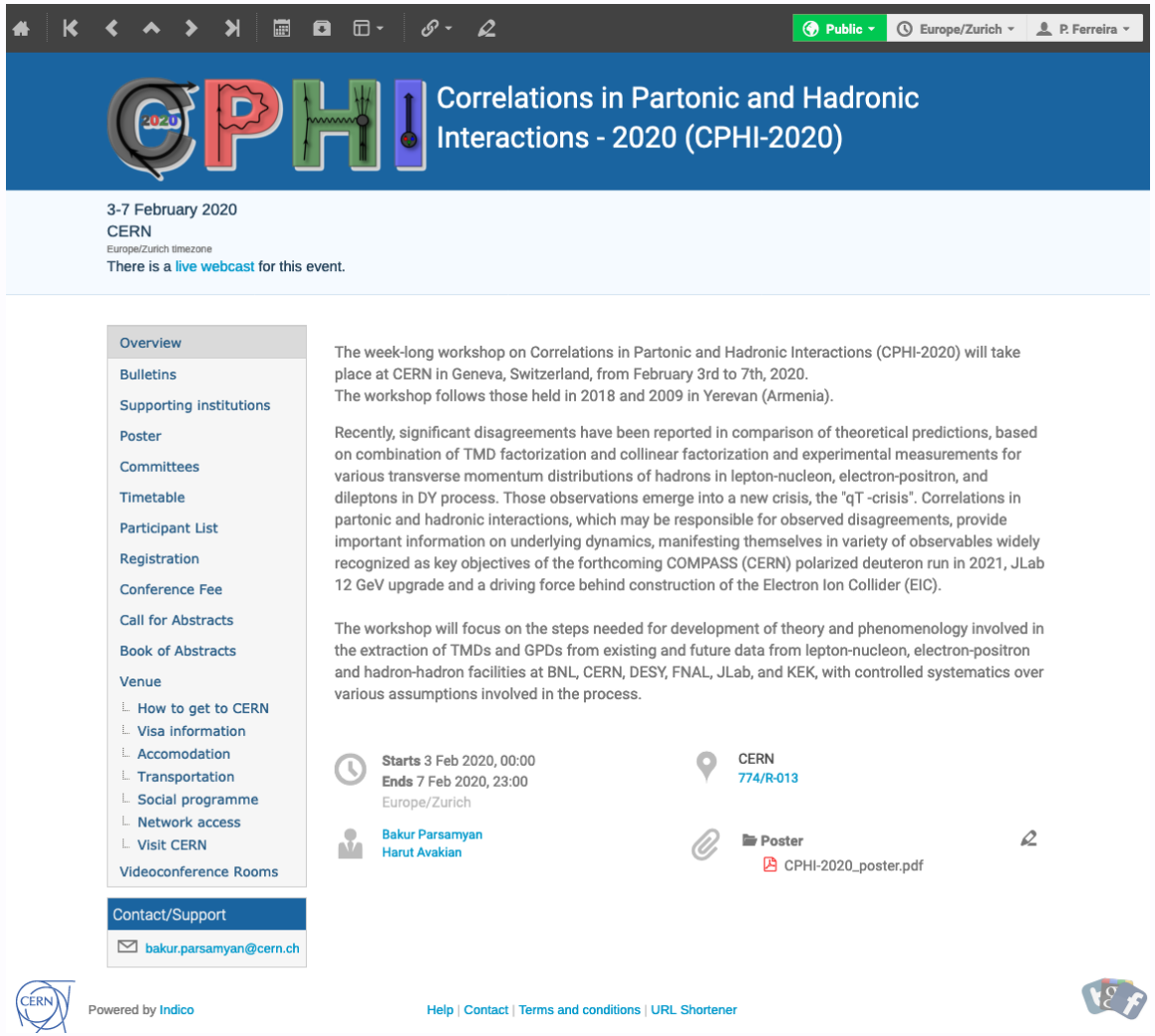
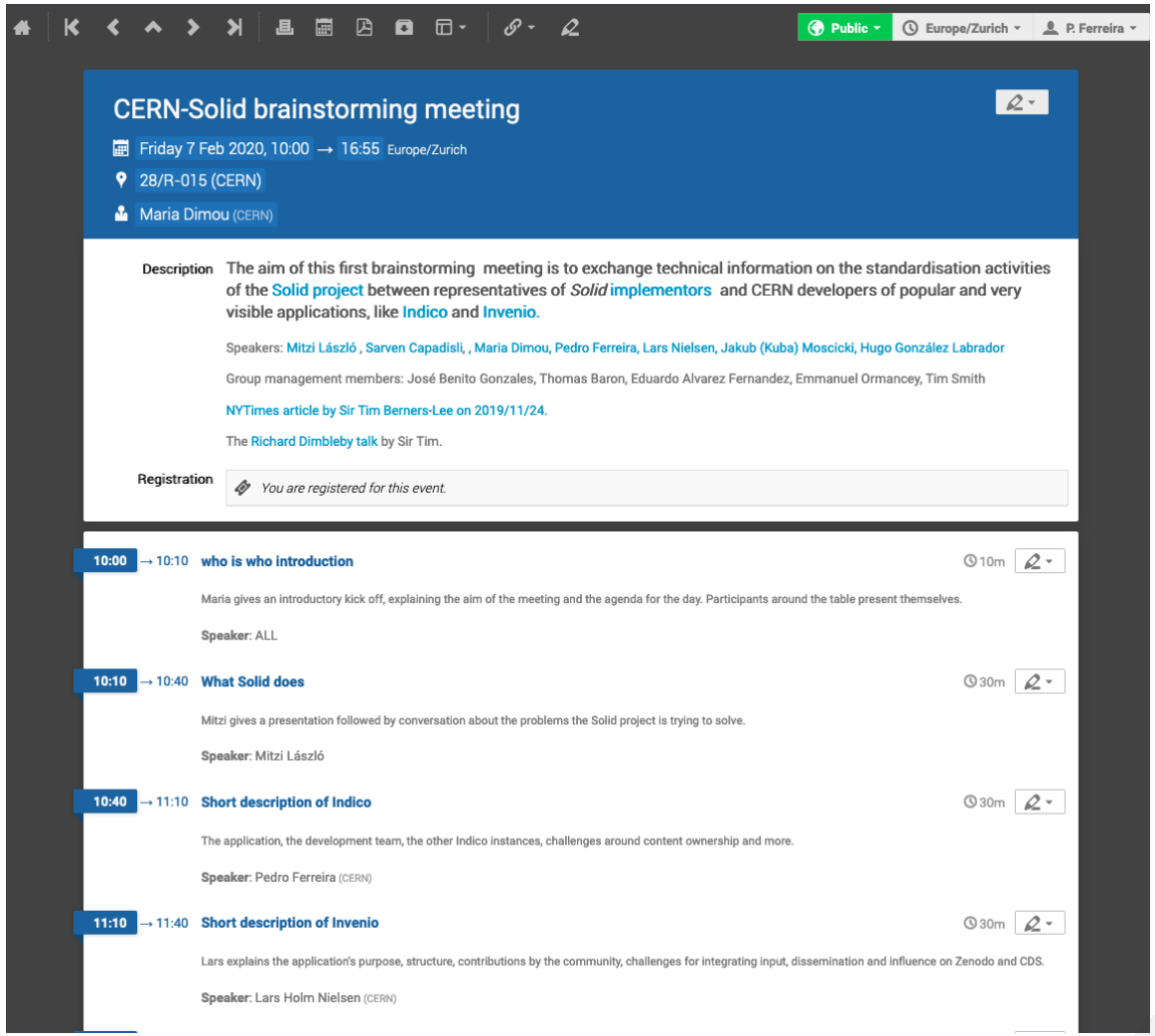

Public
Europe/Zurich
P. Ferreira
Correlations in Partonic and Hadronic Interactions - 2020 (CPHI-2020)
3-7 February 2020
CERN
Europe/Zurich timezone
There is a live webcast for this event.
Overview
Bulletins
Supporting institutions
Poster
Committees
Timetable
Participant List
Registration
Conference Fee
Call for Abstracts
Book of Abstracts
Venue
How to get to CERN
Visa information
Accomodation
Transportation
Social programme
Network access
Visit CERN
Videoconference Rooms
Contact/Support
bakur.parsamyan@cern.ch
The week-long workshop on Correlations in Partonic and Hadronic Interactions (CPHI-2020) will take place at CERN in Geneva, Switzerland, from February 3rd to 7th, 2020.
The workshop follows those held in 2018 and 2009 in Yerevan (Armenia).
Recently, significant disagreements have been reported in comparison of theoretical predictions, based on combination of TMD factorization and collinear factorization and experimental measurements for various transverse momentum distributions of hadrons in lepton-nucleon, electron-positron, and dileptons in DY process. Those observations emerge into a new crisis, the "qT -crisis". Correlations in partonic and hadronic interactions, which may be responsible for observed disagreements, provide important information on underlying dynamics, manifesting themselves in variety of observables widely recognized as key objectives of the forthcoming COMPASS (CERN) polarized deuteron run in 2021, JLab 12 GeV upgrade and a driving force behind construction of the Electron Ion Collider (EIC).
The workshop will focus on the steps needed for development of theory and phenomenology involved in the extraction of TMDs and GPDs from existing and future data from lepton-nucleon, electron-positron and hadron-hadron facilities at BNL, CERN, DESY, FNAL, JLab, and KEK, with controlled systematics over various assumptions involved in the process.
Starts 3 Feb 2020, 00:00
Ends 7 Feb 2020, 23:00
Europe/Zurich
CERN
774/R-013
Bakur Parsamyan
Harut Avakian
Poster
CPHI-2020_poster.pdf
Powered by Indico
Help | Contact | Terms and conditions | URL Shortener


Public
Europe/Zurich
P. Ferreira
CERN-Solid brainstorming meeting
Friday 7 Feb 2020, 10:00 → 16:55 Europe/Zurich
28/R-015 (CERN)
Maria Dimou (CERN)
Description
The aim of this first brainstorming meeting is to exchange technical information on the standardisation activities of the Solid project between representatives of Solid implementors and CERN developers of popular and very visible applications, like Indico and Invenio.
Speakers: Mitzi László , Sarven Capadisli, , Maria Dimou, Pedro Ferreira, Lars Nielsen, Jakub (Kuba) Moscicki, Hugo González Labrador
Group management members: José Benito Gonzales, Thomas Baron, Eduardo Alvarez Fernandez, Emmanuel Ormancey, Tim Smith
NYTimes article by Sir Tim Berners-Lee on 2019/11/24.
The Richard Dimbleby talk by Sir Tim.
Registration
You are registered for this event.
10:00 → 10:10 who is who introduction 10m
Maria gives an introductory kick off, explaining the aim of the meeting and the agenda for the day. Participants around the table present themselves.
Speaker: ALL
10:10 → 10:40 What Solid does 30m
Mitzi gives a presentation followed by conversation about the problems the Solid project is trying to solve.
Speaker: Mitzi László
10:40 → 11:10 Short description of Indico 30m
The application, the development team, the other Indico instances, challenges around content ownership and more.
Speaker: Pedro Ferreira (CERN)
11:10 → 11:40 Short description of Invenio 30m
Lars explains the application's purpose, structure, contributions by the community, challenges for integrating input, dissemination and influence on Zenodo and CDS.
Speaker: Lars Holm Nielsen (CERN)

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(Some of the) Data we store

- Event title, location, organizers, participants, timetable (talks)...
- Abstract/Talk submitters, speakers, authors, reviewing data...
- Lots of attached files;
- User names, e-mails, affiliations...
- Participant registration data (can be anything);
- *and so on...*

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Metadata

- JSON-based REST API
- OpenGraph for Thumbnails
- Basic schema.org ontologies (JSON-LD + Microdata)

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Events


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{
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    "endDate": "2020-02-07T16:55:00+01:00",
    "description": "The aim of this first brainstorming meeting is to exchange technical information …",
    "location": {
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        "address": "No address set",
        "name": "CERN"
    },
    "performer": [
        {
            "@type": "Person",
            "affiliation": {
                "@type": "Organization",
                "name": "CERN"
            },
            "name": "Maria Dimou"
        }
    ],
    "url": "https://indico.cern.ch/event/866085/"
}
```


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Breadcrumbs

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        <span itemprop="itemListElement" itemscope="" itemtype="http://schema.org/ListItem">
            <a href="/" itemprop="item" class="item">
                <span itemprop="name">Home</span>
            </a>
            <meta itemprop="position" content="1">
        </span>
        <span class="sep">»</span><span itemprop="itemListElement" itemscope="" itemtype="http://schema.org/ListItem">
            <a href="/category/6742/" itemprop="item" class="item">
                <span itemprop="name">Projects</span>
            </a>
             <meta itemprop="position" content="2">
        </span>
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                <span itemprop="name">Data Science at HEP</span>
            </a>
            <meta itemprop="position" content="3">
        </span>
    </span>
</div>
```

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Challenges

- Quality of data;
  - e.g. affiliations, multiple accounts...
- Classification and discoverability of events;
- Linking data across instances;
- Integration with authoring tools;
- Preservation of linked materials;
- Data privacy laws;

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indico