FIRST INDICO WORKSHOP

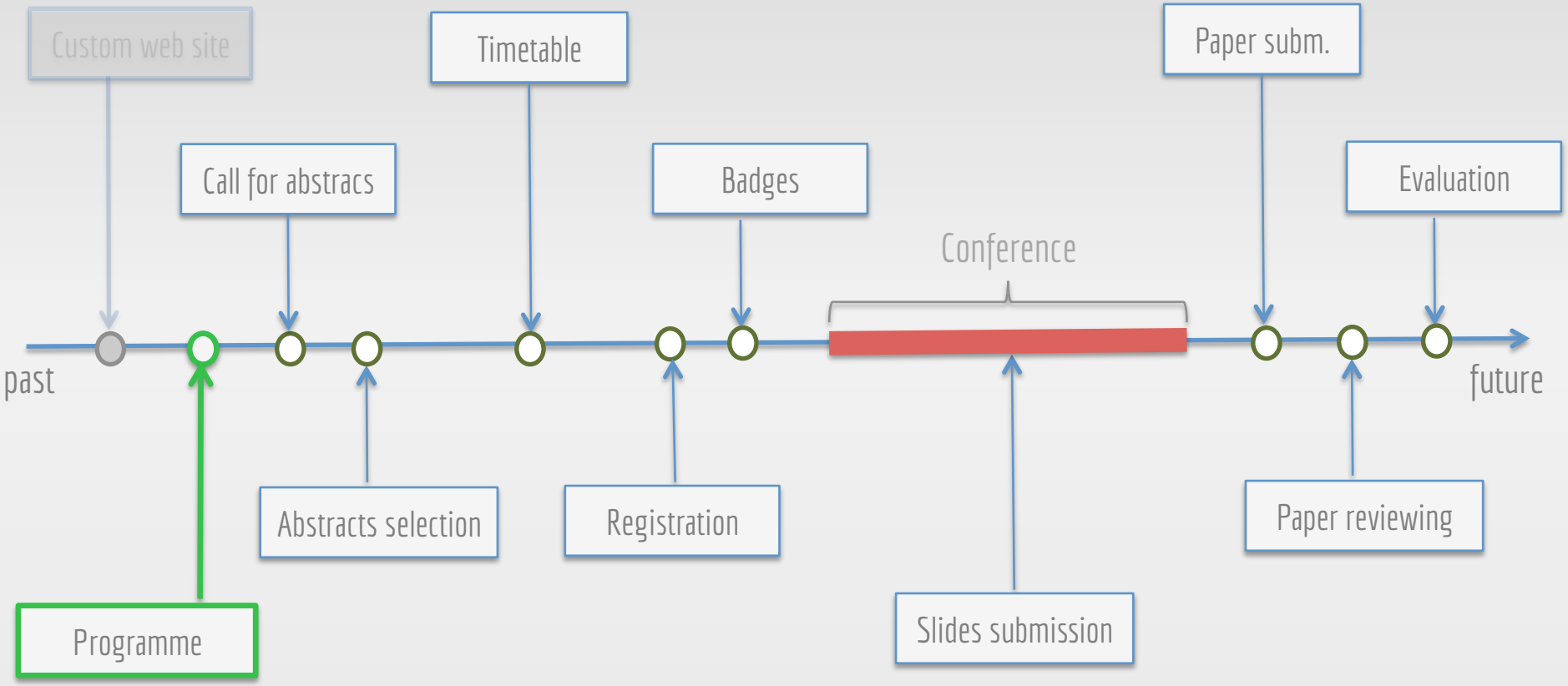
27-29 MAY 2013 CERN

Abstracts & Timetable

José Benito González López

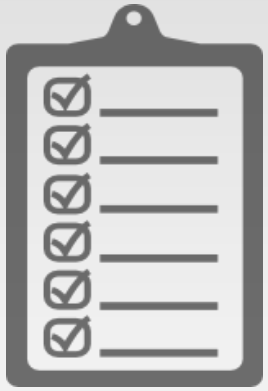
RECAP

Conference lifecycle



SCIENTIFIC PROGRAMME

Definition of the conference **topics** (or **tracks**)



Two goals:

- **Expose** detailed topics to attendees
- Very useful for abstract classification and **reviewing**

CHEP2013 Logistics Management
info@chep2013.org

Scientific Programme

BiG Data Beyond Moore's Law, coming to terms with Moore-less cores, ever increasing data volumes, and managing more resources without using more people. That's the theme of this CHEP Conference. With dedicated tracks on data acquisition, trigger and controls; event processing, simulation and analysis; distributed processing and data handling; data stores, data bases and storage systems; software engineering, parallelism & multi-core programming; and a track on facilities, production infrastructures, networking and collaborative tools.

The scientific program of CHEP 2013 will consist of plenary sessions with invited oral presentations, a number of parallel sessions comprising oral and poster presentations, and an industrial exhibition. The plenary sessions will occupy the five mornings of the conference and the parallel sessions will be held on 4 afternoons. Contributions are solicited in the form of abstracts and the Program Committee, with the help of the International Advisory Committee, will use these to finalize the program.

Data acquisition, trigger and controls

edit

Topics for this track include: event building and farm networks; compute farms for high-level triggering; 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 experimental facilities

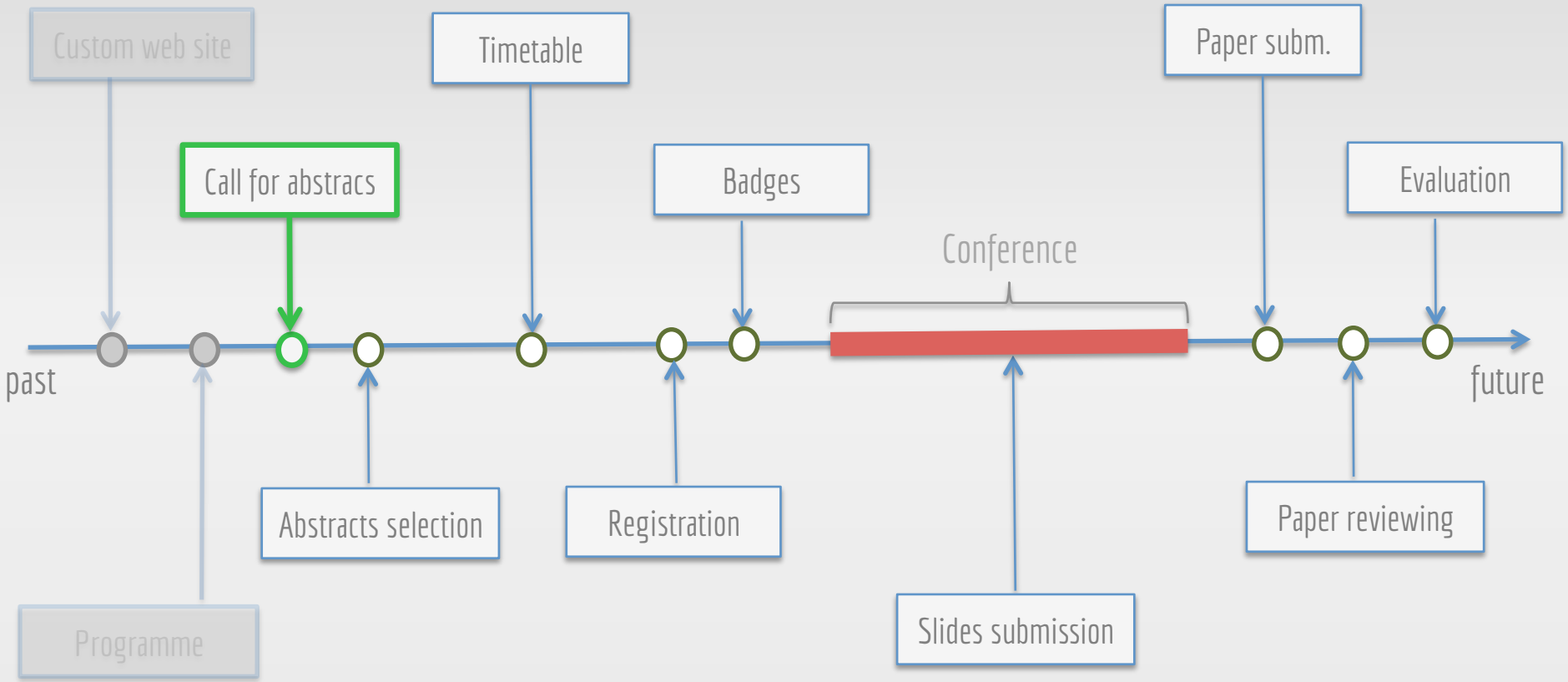
Event Processing, Simulation and Analysis

edit

Topics for this track include: event generation, simulation and reconstruction; detector geometries, physics analysis; tools and techniques for data classification and parameter fitting; event visualization and data presentation; frameworks for event processing; toolkits for simulation, reconstruction and analysis; event data models.

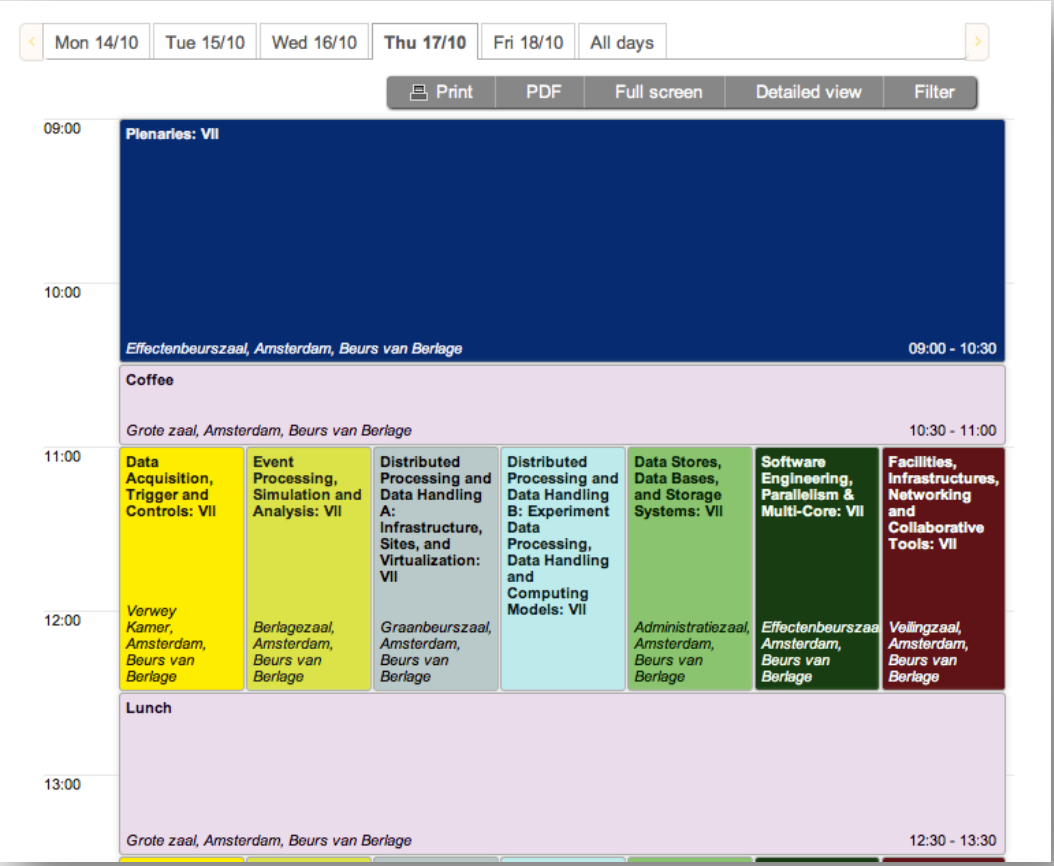
ABSTRACTS

Conference lifecycle



CALL FOR ABSTRACTS

Final goal is *contributions*



ABSTRACTS

"**brief of** a research article, thesis, review, **conference proceeding** or any in-depth analysis of a particular subject or discipline, and is often used to help the reader **quickly ascertain** the paper's **purpose**" - *Wikipedia*

CALL FOR ABSTRACTS

Flexible creation of forms to submit abstracts

Management of deadlines, late submitters, ...

CALL FOR ABSTRACTS

20th International Conference on Computing in High Energy and Nuclear Physics (CHEP2013) *14 Oct - 18 Oct*

Created by David GROEP - davidg@nikhef.nl

Event actions: Clone | Lock | Switch to event page

- General settings
- Timetable
- Material
- Room booking
- Programme
- Registration
- **Abstracts**
- Contributions
- Paper Reviewing
- Video Services
- Evaluation
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Advanced options

- Lists
- Protection
- Tools
- Layout
- Logs

Setup | Preview | List of Abstracts | Book of Abstracts Setup | Reviewing

Current status: **ENABLED** DISABLE

Submission start date: Monday, 7 January 2013

Submission end date: Tuesday, 2 April 2013

Modification deadline: Tuesday, 2 April 2013

Announcement

Computing in High Energy and Nuclear Physics (CHEP) provides an international forum to exchange information on computing experience and needs for the community, and to review recent, ongoing and future activities. The programme consists of plenary presentations as well as six parallel topical tracks. At this time we are inviting contributions to the parallel tracks, be they either oral or poster presentations. We welcome abstracts presenting research and practical results, abstracts addressing the pros and cons of technological solutions and abstracts addressing the key research problems with potential / experimental solutions.

At this time, we invite abstracts to be submitted to the programme committee of the conference for either oral presentation in one of the parallel tracks, or for presentation as a posted in the joint poster session. For the poster session dedicated time slots have been allocated in the conference schedule. Abstracts will be reviewed based on relevance to the conference and selected track, and on originality, quality and readability of the contribution. Abstracts should give a concise summary of the work, addressing the above review criteria, in no more than 500 words. The abstracts should be able to stand alone and be suitable for inclusion in the on-line Book of Abstracts.

Given the foreseen number of submissions, the programme committee reserves the option to allocate a poster slot to accepted contributions even when oral presentation has been requested, or to re-assign a contribution to a different track to order to provide a better match.

Authors of accepted contributions that have been presented at the conference will be invited to submit a full paper for the conference Proceedings. The proceedings are peer-reviewed and published in the Open Access Journal of Physics: Conference Series. In-person presentation of the contribution at the conference is a prerequisite for inclusion in the proceedings – we specifically request poster contributors to ensure at least one designated (co-)author is registered to the conference and able to present the work during the poster session.

CALL FOR A

Overview
Scientific Programme
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View my abstracts
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Timetable
Contribution List
Author index
My conference
Book of abstracts
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Abstract

Title *

Abstract content *

500 words left

Presentation type --not specified--

Attached files

Attach a file

Primary Authors

Add primary author

Co-Authors

Add co-author

Track classification *

- Data acquisition, trigger and controls

  Topics for this track include: event building and farm networks; compute farms for high-level triggering; 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 experimental facilities

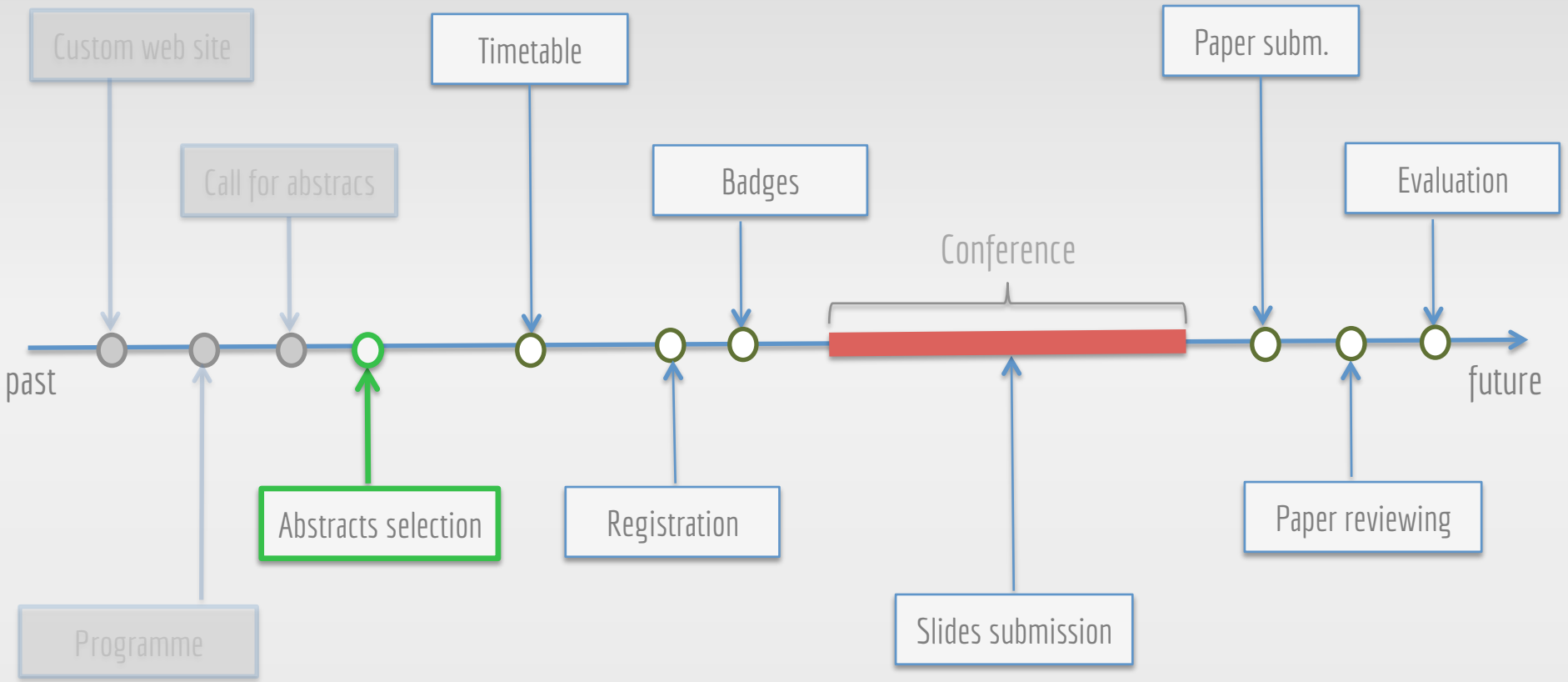
- Event Processing, Simulation and Analysis

  Topics for this track include: event generation, simulation and reconstruction; detector geometries, physics analysis; tools and techniques for data classification and parameter fitting; event visualization and data presentation; frameworks for

CALL FOR ABSTRACTS

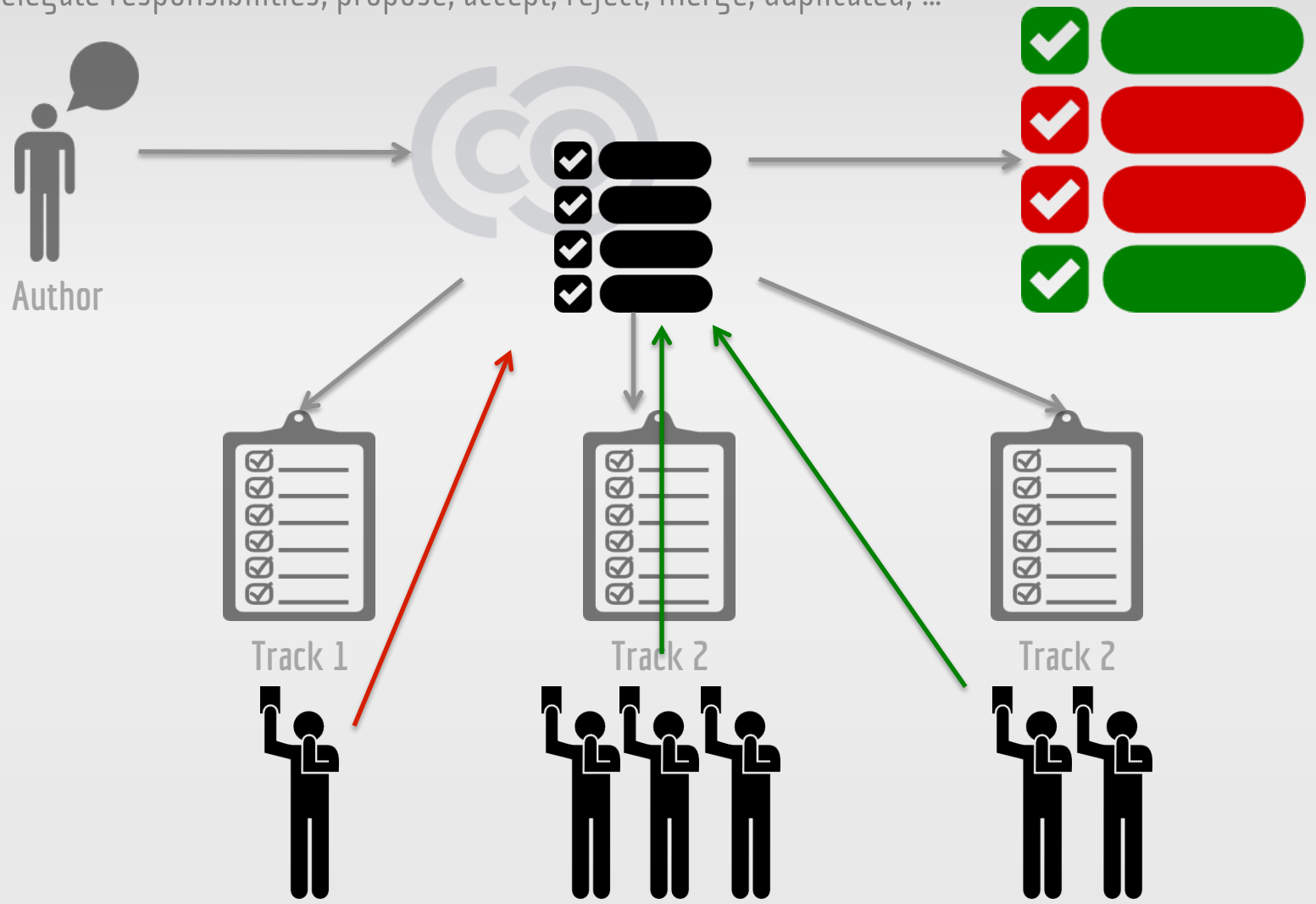
REVIEWING

Conference lifecycle



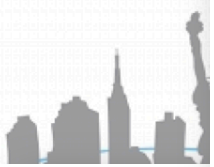
ABSTRACT REVIEWING

Delegate responsibilities, propose, accept, reject, merge, duplicated, ...



ABSTRACT REVIEWING

BOOK OF ABSTRACTS



Computing in
Phys

Monday 21

Preparing the ALICE DAQ upgrade

Mr. VANDE VYVRE, Pierre [1]; Mr. CARENA, Franco [1]; Mr. RODRIGUES FERNANDES RABACAL, Bartolomeu Andre [2]; SIMONETTI, Giuseppe [3]; SOOS, Csaba [1]; TELESCA, Adriana [1]; Mr. VON HALLER, Barthelemy [1]; CARENA, Wisla [1]; CHAPELAND, Sylvain [1]; Mr. CHIBANTE BARROSO, Vasco [1]; COSTA, Filippo [1]; DENES, Ervin [4]; DIVIA, Roberto [1]; FUCHS, Ulrich [1]; GRIGORE, Alexandru [5]

[1] *CERN*

[2] *Instituto Superior Tecnico (IST)*

[3] *Universita e INFN*

[4] *Hungarian Academy of Sciences (HU)*

[5] *Polytechnic University of Bucharest*

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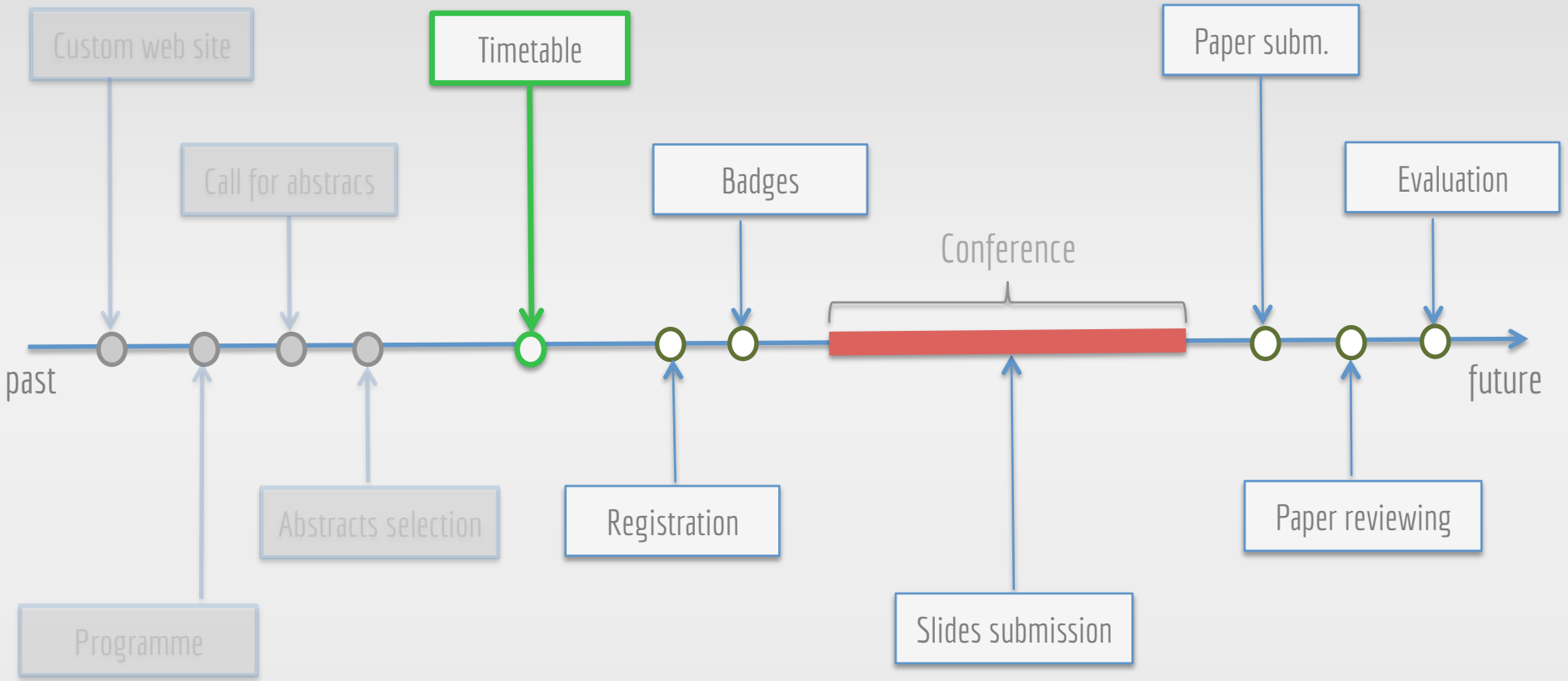
In November 2009, after 15 years of design and installation, the ALICE experiment started to detect and record the first collisions produced by the LHC. It has been collecting hundreds of millions of events ever since with both proton-proton and heavy ion collision. The future scientific programme of ALICE has been refined following the first year of data taking. The physics targeted beyond 2016 will be the study of rare signals. Several detectors will be upgraded, modified, or replaced to prepare ALICE for future physics challenges. An upgrade of the triggering and readout system is also required to accommodate the needs of the upgraded ALICE and to better select the data of the rare physics channels. The ALICE upgrade will have major implications in the detector electronics and controls, data acquisition, event triggering, offline computing and storage systems. Moreover, the experience accumulated during more than two years of operation has also lead to new requirements for the control software. We will review all these new needs and the current R activities to address them.
Several papers of the same conference present in more details some elements of the ALICE DAQ system.

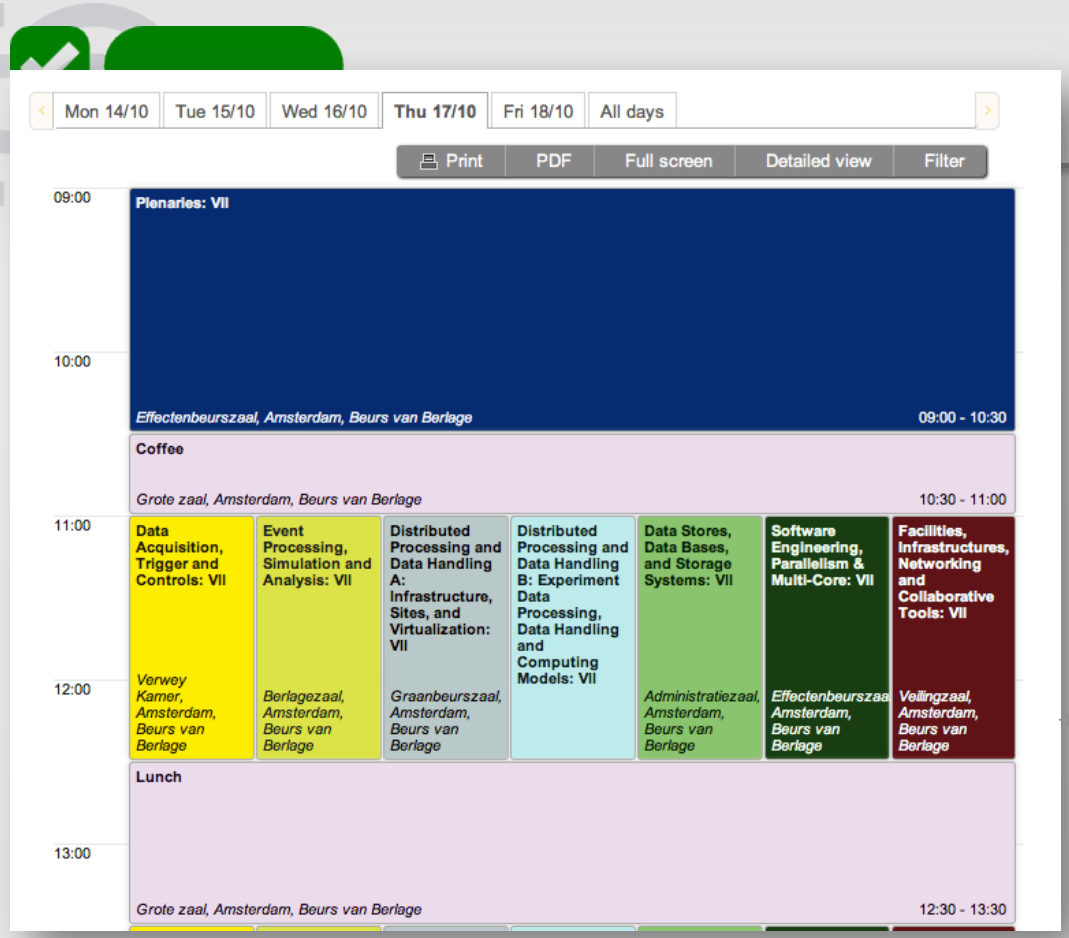
TIMETABLE

Conference lifecycle



TIMETABLE SETUP

Sessions, breaks, presentations, posters,...



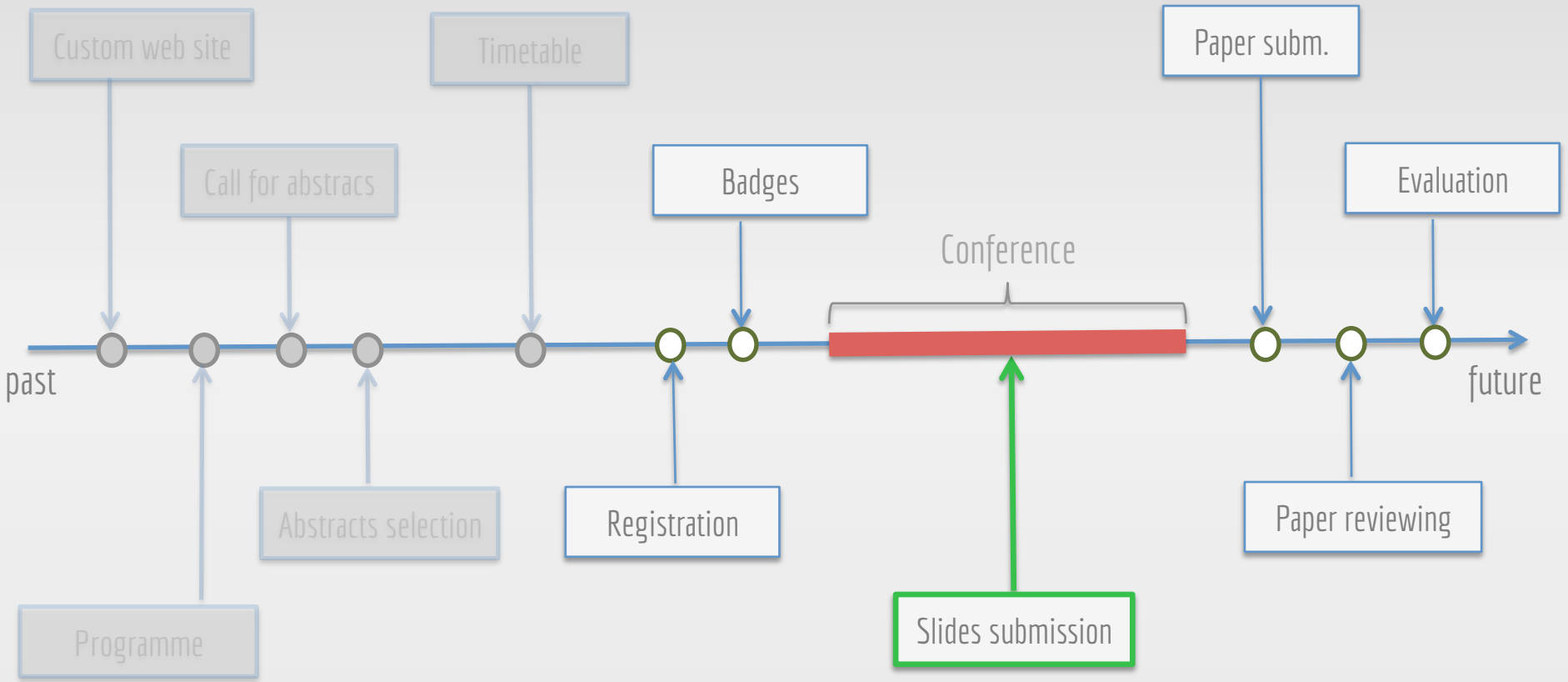
Contributions

Schedule

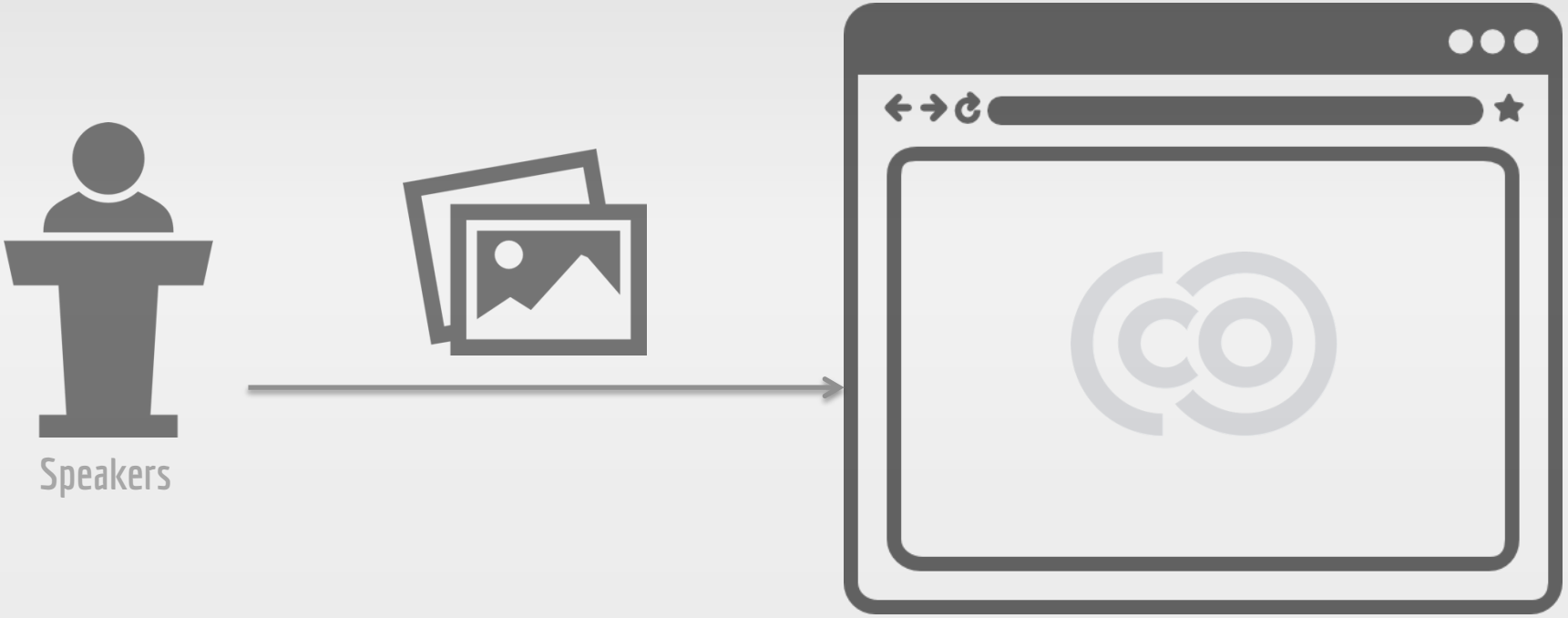
TIMETABLE

UPLOAD

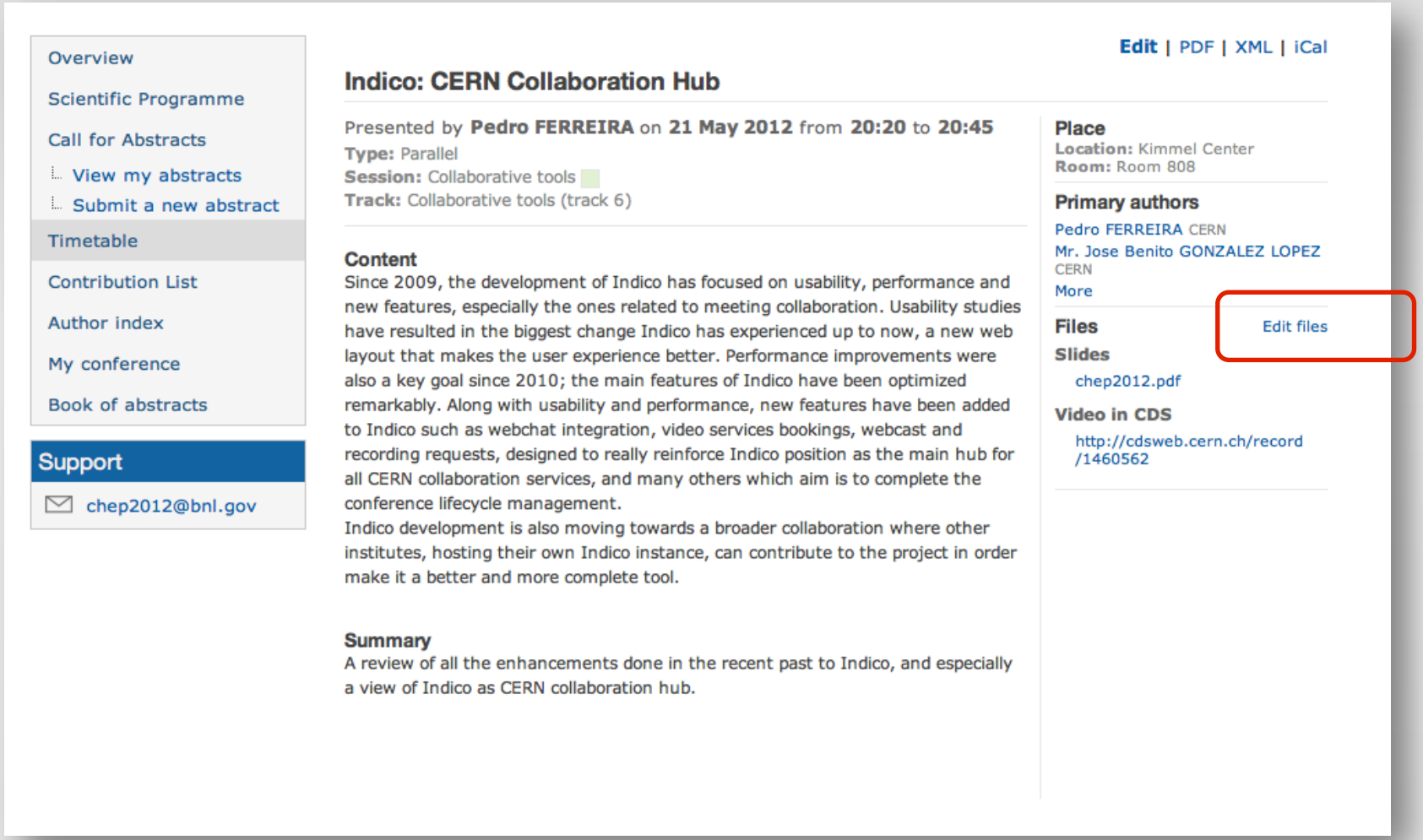
Conference lifecycle



SLIDES SUBMISSION



SLIDES SUBMISSION



QUESTIONS?

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