

Indico @ GSI

Indico Installation at GSI, Darmstadt

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Indico Workshop 2.0 – 18/10/2017

About GSI (and FAIR)



- GSI Helmholtzzentrum für Schwerionenforschung
Operates large-scale accelerator for heavy ions
1350 employees + 1000 guest researchers
- Facility for Antiproton and Ion Research in Europe
Future accelerator facility, currently being built

Indico at GSI (and FAIR)

- URL: `https://indico.gsi.de`
- Version 1.2.2
- Debian Jessie VM with 4 cores and 12G RAM
- Login via LDAP (“GSI Weblogin”) or local account
- Style (css, templates) adapted to GSI web site style

Indico at GSI (and FAIR)

FAIR GSI Indico

GSI Home Europe/Berlin English Login

Home Create event Help

Main categories

Welcome to Indico. The Indico tool allows you to manage complex conferences, workshops and meetings. In order to start browsing, please select one of the categories below.

ACC Operations	22 events	»»
ALICE	907 events	»»
Atomphysik	132 events	»»
BIO Physik	53 events	»»
Board of FAIR Collaborations	3 events	»»
CBM	1,869 events	»»

News

Notes on version 1.2
Posted on 1/8/2017

Upgrade to version 1.2 finished
Posted on 1/8/2017

Upcoming events

What does it take to find a dirty bomb?
starts Tuesday 16:15

ALIVE – Measuring High Voltages with ppm A...
starts Wednesday 13:15

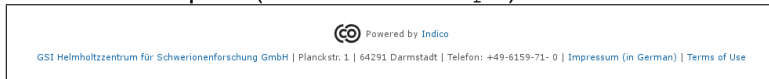
Topological circuits
starts Wednesday 16:00

Adaptions to style

- Adaptions to templates in
`.../MaKaC/webinterface/tpls`
→ several `*.GSI.tpl` added
- 132 line `GSIstyles.css` loaded in
`HTMLHeader.GSI.tpl`
→ style can be switched in Admin Area
(Layout, Templates)
- Logos (FAIR + GSI) loaded in `Header.GSI.tpl`

GSI Templates

- Footer with imprint (`Footer.GSI.tpl`)

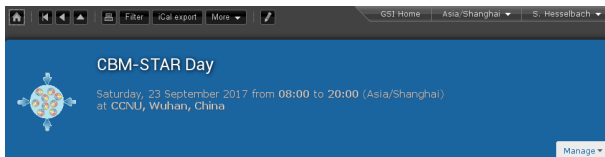


- Contact page (`Contact.GSI.tpl`)

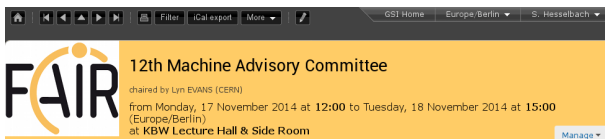


Meeting Stylesheets

- Server Admin → Layout → Timetable Styles
- Based on IndicoMeeting.tpl with adapted css
- Examples:



A screenshot of an Indico meeting page. The header is dark blue with navigation icons and links for 'Filter', 'iCal export', and 'More'. The main content area has a blue background. On the left is a circular logo with colorful dots and arrows. To the right, the text reads: 'CBM-STAR Day', 'Saturday, 23 September 2017 from 08:00 to 20:00 (Asia/Shanghai)', and 'at CCNU, Wuhan, China'. A 'Manage' button is in the bottom right corner. The top right of the page shows 'GSI Home', 'Asia/Shanghai', and 'S. Hesselbach'.



A screenshot of an Indico meeting page. The header is dark grey with navigation icons and links for 'Filter', 'iCal export', and 'More'. The main content area has a yellow background. On the left is the 'FAIR' logo. To the right, the text reads: '12th Machine Advisory Committee', 'chaired by Lyn EVANS (CERN)', 'from Monday, 17 November 2014 at 12:00 to Tuesday, 18 November 2014 at 15:00 (Europe/Berlin)', and 'at KBW Lecture Hall & Side Room'. A 'Manage' button is in the bottom right corner. The top right of the page shows 'GSI Home', 'Europe/Berlin', and 'S. Hesselbach'.

History at GSI

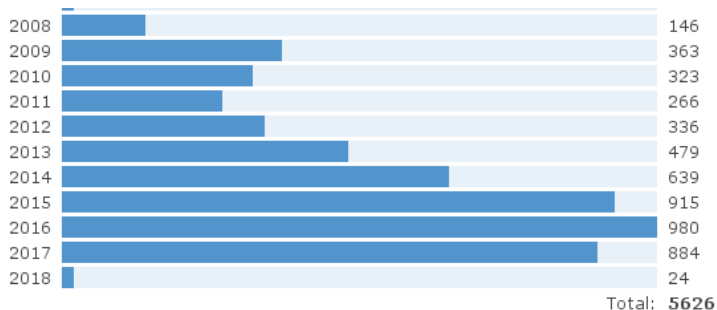
- Test installation since about 2008
- This gradually became productive
- 2011 upgrade from V0.96.2 to V0.97.1
→ style adaptations
- 2014 upgrade to V1.0
- 2017 upgrade to V1.2.2

Usage at GSI

- Main system for
 - conference/meeting organization (registration, ...)
 - lectures series management
- "Week's events" linked as calendar on GSI website
`https://indico.gsi.de/category/0/overview?detail=conference&period=week`
- Certain categories feed list of seminars in our weekly online newspaper
`https://www.gsi.de/en/kurier`

Usage at GSI

- Statistics for Events:



Usage at GSI

Paper submission/reviewing for GSI scientific report

- "Pseudo" conference
- Using mainly abstract/contribution calls and reviewing
- Worked with some trouble
 - Sometimes access problems in certain steps of the process
 - Authors/Coauthors
 - Contributions with many authors tedious to submit
 - Emails mandatory for all authors
 - User suggestion:
Postpone button to save work without submitting
 - Sender address for emails not configurable

User accounts

- LDAP login

- For GSI users
- Script originally for V0.96 by Dennis Klein

→ .../MaKaC/authentication/GSIAuthentication.py
with class GSIIdentity(PIdentity)

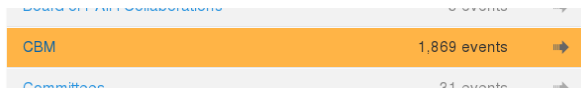
→ Identity object in DB:

<MaKaC.authentication.GSIAuthentication.GSIIdentity at ...>

- Now adapted to V1.2.2
-
- Local Indico accounts
 - External participants in conferences (Abstracts, ...)
 - Huge amount of spam registrations ("Not confirmed")
 - Now in total ~ 7300 accounts

Access control via LDAP groups

- Enabled since V1.0
- Used by our Collaborations for private content



A screenshot of a table with three rows. The first row is partially visible with the text 'Board of ... Collaborations' and '0 events'. The second row is highlighted in orange and contains 'CBM' on the left, '1,869 events' in the middle, and a right-pointing arrow on the right. The third row is partially visible with the text 'Committee' and '21 events'.

Board of ... Collaborations	0 events	→
CBM	1,869 events	→
Committee	21 events	→

- Adaption of code/config to V1.2.2 fairly easy

Migration tests to V2

- `indico-migrate` runs successfully on our database
- Migration log
 - "[users] Skipping nnnn - not activated" → good
 - "[users] Unsupported provider: GSIIidentity. Skipping identity." → Do I have to adapt the migration?
- Web page also set up and running → looks good
→ Further tests?
- Open questions
 - Layout, styles, meeting styles
 - LDAP connection, LDAP groups

Indico 2 test server at GSI

This is a test server only. Do not use for production. The database will not be preserved.

indico Public Europe/Berlin S. Hesselbach

Home Create event Administration My profile Help

Main categories

Create event

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ACC Operations	13 events	⇒
ALICE	898 events	⇒
Atomphysik	131 events	⇒
BIO Physik	49 events	⇒
Board of FAIR Collaborations	3 events	⇒
CBM	1,819 events	⇒

News

[more...](#)

- Notes on version 1.2**
Posted 1 Aug 2017
- Upgrade to version 1.2 finished**
Posted 1 Aug 2017
- Upgrade to version 1.0 finished**
Posted 14 Apr 2014

Final remarks

- User requests
 - Search functionality
 - Integration for video conference tools (eZuce)
- Summary
 - GSI Indico runs with V1.2.2
 - Migration tests to V2
 - Open: LDAP integration for V2
 - LDAP groups needed
(Access control of Collaborations)
- Thank you!