Indico @ GSI
Indico Installation at GSI, Darmstadt

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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)

Adaptions to style

- Adaptions to templates in
  `.../MaKaC/webinterface/tpls`

  $\rightarrow$ several `*.GSI.tpl` added

- 132 line `GSIstyles.css` loaded in
  `HTMLHeader.GSI.tpl`

  $\rightarrow$ style can be switched in Admin Area
    (Layout, Templates)

- Logos (FAIR + GSI) loaded in `Header.GSI.tpl`

GSI Templates

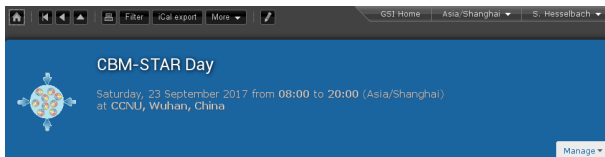- Footer with imprint (`Footer.GSI.tpl`)
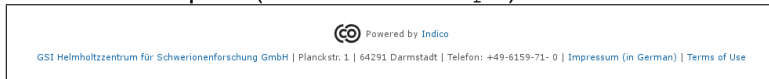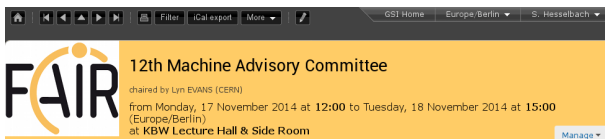

- Contact page (`Contact.GSI.tpl`)

Meeting Stylesheets

- Server Admin → Layout → Timetable Styles

- Based on IndicoMeeting.tpl with adapted css

- Examples:

History at GSI

- Test installation since about 2008

- This gradually became productive

- 2011 upgrade from V0.96.2 to V0.97.1
    - $\rightarrow$ style adaptions

- 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 calender 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:

Year		Count
2008		146
2009		363
2010		323
2011		266
2012		336
2013		479
2014		639
2015		915
2016		980
2017		884
2018		24

Total: **5626**
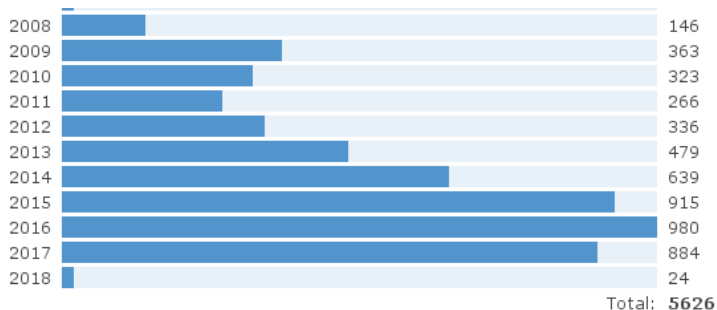
Usage at GSI

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
    - $\rightarrow$ Contributions with many authors tedious to submit
    - $\rightarrow$ Emails mandatory for all authors
    - $\rightarrow$ User suggestion:
      Postpone button to safe work without submitting
  - Sender address for emails not configurable

User accounts

- LDAP login
  - For GSI users
  - Script originally for V0.96 by Dennis Klein
    - $\rightarrow$ `.../MaKaC/authentication/GSIAuthentication.py`
      with `class GSIIdentity(PIdentity)`
    - $\rightarrow$ Identity object in DB:
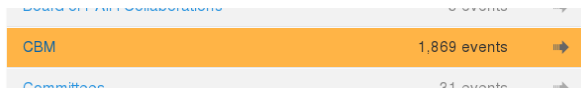
`<MaKaC.authentication.GSIAuthentication.GSIIdentity at ...>`

  - Now adapted to V1.2.2

- Local Indico accounts
  - External participants in conferences (Abstracts, . . .)
  - Huge amount of spam registrations ("Not confirmed")

- Now in total $\sim$ 7300 accounts

Access control via LDAP groups

- Enabled since V1.0

- Used by our Collaborations for private content

- 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: GSIIdentity. 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

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
    - $\rightarrow$ LDAP groups needed
      (Access control of Collaborations)

- Thank you!