IEKP at KIT

- Institute for Experimental Nuclear Physics at KIT:
  - About *140 members* in two locations (Uni-Karlsruhe and Forschung-Zentrum)
  - Academic and Research Lab environments
  - Multiple experiments (CMS, Belle, AMS,Auger,..)
  - *Diverse groups and topics* (Higgs, Top, SUSY, Detector performance, Computing, Statistics, ...)
  - Professors, senior scientists, engineers and postdocs, students (doctoral, master, bachelor)
  - Publishing and editing conference proceedings, theses, articles, books, ...

Scientific publications are one of our most important "measures of success" !

INVENIO at IEKP

- ***We are relatively New to INVENIO:***
  - ✓ September 2011: learned about INVENIO from Irina Filozova's presentation at the NEC'11 conference in Varna.
  - ✓ October 2011: presentation to the IEKP management
  - ✓ November 2011: decision to migrate institutional publications repository EKPPUBS to INVENIO. Christian starts working on INVENIO installation at IEKP
  - ✓ December 2011: first site prototype installed, contents of the EKPPUBS repository are migrated to INVENIO site
  - ✓ January 2012: Irina visiting Karlsuhe
  - ✓ February 2012: refining IEKP use cases and requirements; Invenio 1.0 released.
  - ✓ March 2012: visiting CERN, virtual meeting with CERN and JINR developers, collected topics for the workshop.
  - ✓ May 2012: INVENIO Users Workshop

What we need: IEKP use cases

- Contents migration: replace existing collections of IEKP documents with one institutional repository
- New documents submission: convenient ways to
  - ✓ upload pre-formatted descriptions (bibtex)
  - ✓ harvest documents from other repositories
  - ✓ submit via web interface
- Document modification: allow for easy corrections
  - ✓ direct editing of the attributes
  - ✓ web forms for modifications
  - ✓ apply “bulk” modification to a set of documents
  - ✓ change document type, inheriting other attributes

What we need: (cont)

- Documents bookkeeping: allow for easy search, sorting, stats counting
  - ✓ by document type
  - ✓ by attributes (date, author, title, key words, etc)
  - ✓ by collections
- Data output: provide variety of required formats, e.g. citations insertable in Word document
- Management and administration:
  - ✓ manage collections
  - ✓ manage users
  - ✓ manage users' roles and corresponding rights

What we need: IEKP peculiarities

- Recognizing IEKP principal contributors:
  - ✓ In the IEKP repository we collect publications with the essential contributions of the Institute members.
  - ✓ We need to distinguish the principle IEKP contributors from the full list of authors, which may include a whole collaboration.
- Proposed submission policies:
  - ✓ New documents can be submitted by any registered user. However they do not automatically become publicly available
  - ✓ Document becomes public after approval by the group representative or an administrator
  - ✓ Modifications to the public documents need approval as well
- Imbed Publications in the Institutional website: Joomla.

Things To Do:

- Install official INVENIO 1.0 release
- Develop document submission and modification forms
- Configure harvesting tools
- Provide automatic authors (IEKP principal contributors) selection
- Impose roles and policies (ldap?)
- Fix existing contents (umlauts, duplicated entries ...)
- Polishing and adaptations to the visual representation
- Change general appearance to fit the IEKP website
- ***Learn and practice as much as we can at the Workshop!***

Main expectations from the Workshop

- Learn about INVENIO concept, system components and development principles from the “fist hands”.
- Get recommendations and concrete implementation solutions to the IEKP use cases
- Get trained for INVENIO administration and support
- Learn from the experiences of the INVENIO Users community
- Get confident in making our project of Institutional publications repository a Success!

THANK YOU!!!

BACKUP

- Two INVENIO instances are deployed at IEKP:
  - ✓ http://ekpcc3.physik.uni-karlsruhe.de/
    - pre-configured according to EKPPUBS classification
    - populated with the EKPPUBS contents
  - ✓ http://ekpcc4.physik.uni-karlsruhe.de/
    - configured as INVENIO DEMO site
    - no contents
- Both instances run version INVENIO 1.0.0-rc
- Credits: Christian Boeser