The InDiCo Project

A Tool for Managing Conferences through the Web

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The InDiCo project

- History of a project
- Project description
- Current status
- InDiCo and JACoW

History of a Project (1)

- Stands for INtegrated DIgital COnferencing
- EU funded project (IST-2001-34306)
- Started May 2002
- Ends in May 2004
- Partners:
  - SISSA (Trieste, Italy)
  - Udine University (Udine, Italy)
  - TNO (Netherlands)
  - University of Amsterdam (Netherlands)
  - CERN (Geneva, Switzerland)

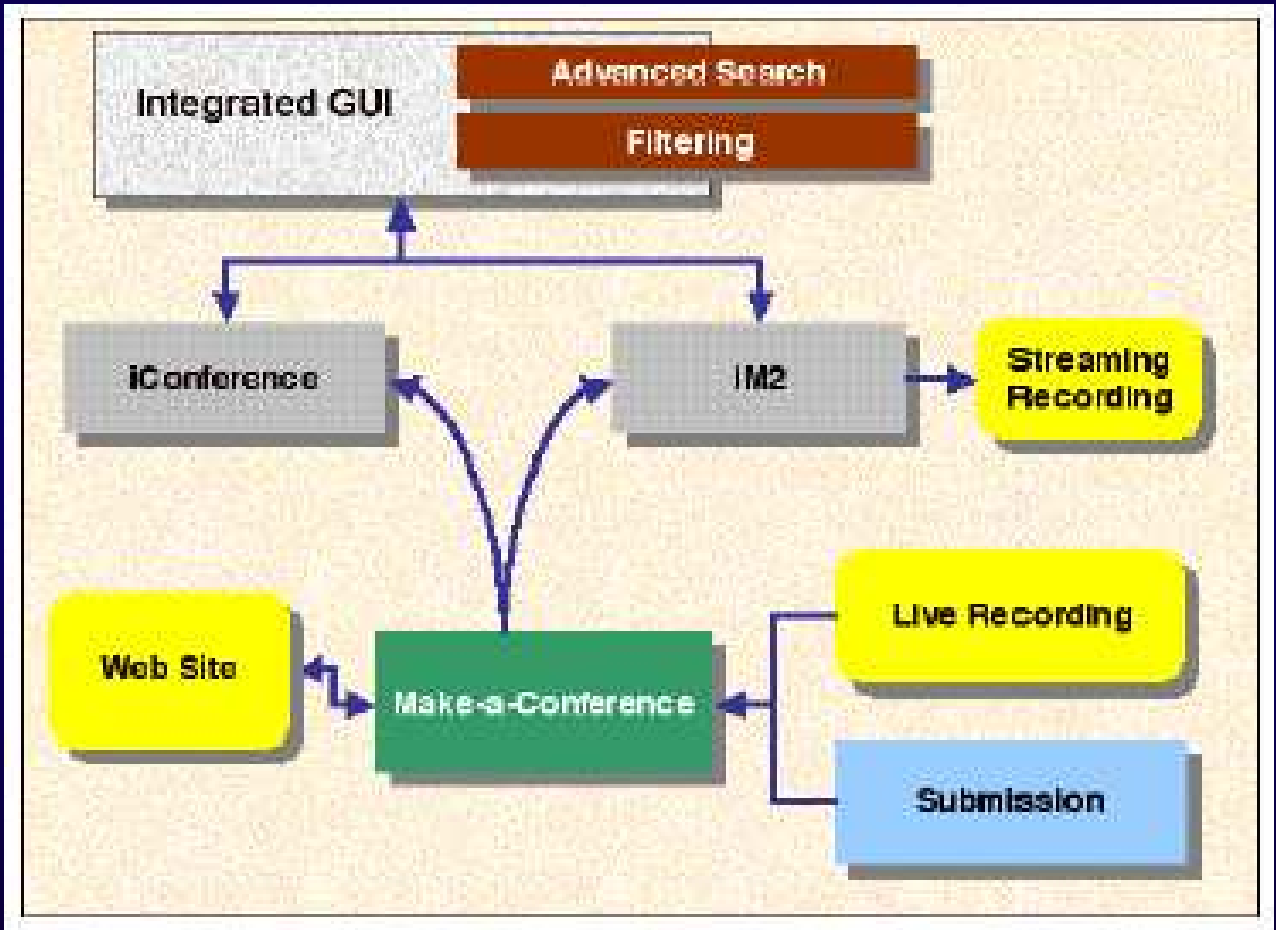
History of a Project (2)

- SISSA is project leader at the origin of the project.
  - Experience in previous EU projects (TIPS)
  - Experience in Web and Search interfaces (JHEP)
- UDINE:
  - Personalization/ filtering techniques
- TNO+UoA:
  - Signal analysis, video+speech recognition
- CERN:
  - Document and multimedia Management
  - Large conference organizer
  - Meeting Manager (CERN Agenda System)

Project Description (1)

- Conference Storage/Management software
  - Multimedia Documents Storage
  - Conference Metadata Database
  - Conference Management Software
  - Additional modules:
    - Speech Recognition
    - Video Analysis
- Web-based
- Multi-platform

Project Description (2)



Project Description (3)

- iConference:
  - Global repository of conference metadata
  - Could be one per scientific subject
  - Offers additional features: search, browsing, personalization…
  - Long term preservation of data
- iM2
  - Stores multimedia documents (metadata+data)

Project Description (4)

- **Make-a-Conference:**
  - **Runs at conference organizer site (or institutional level service)**
  - **Can handle one or several conferences on one site**
  - **For each conference, it handles:**
    - Conference Web Site
    - Delegation of responsibilities
    - Schedule management
    - Contribution management (submission, review…)
    - Local storage of documents
    - Attendant registration
    - …
  - **Can export its metadata+data to the iConf/iM2 systems – or others (native OAI interface)**

Make-a-Conference: Main Modules (1)

- Conference Web Site Creation
  - Public View + Administrator View
  - From few submitted data (title, place, dates, background image…) and a template
  - With links to the different features (registration, paper submission…)
- Delegation of Responsibilities
  - User login + Role-based access control
  - Main actors:
    - Chairman
    - Convener
    - Speaker
    - Referee
    - Reviewer

Make-a-Conference: Main Modules (2)

- Contribution management
  - Web submission interface
  - Revision management
  - Reviewing interfaces
- Schedule management

Make-a-Conference: Current Status (1)

- Signal analysis: existing CERN video recordings are sent to TNO.
- User requirements drafted
  - http://www.cern.ch/indico
- System specifications started
- On the basis of the existing CERN Agenda software (= scheduler InDiCo)
- Contacts with existing conference management projects
  - OCS (http://pkp.ubc.ca/ocs)

Make-a-Conference: Current Status (2)

CERN Agenda:

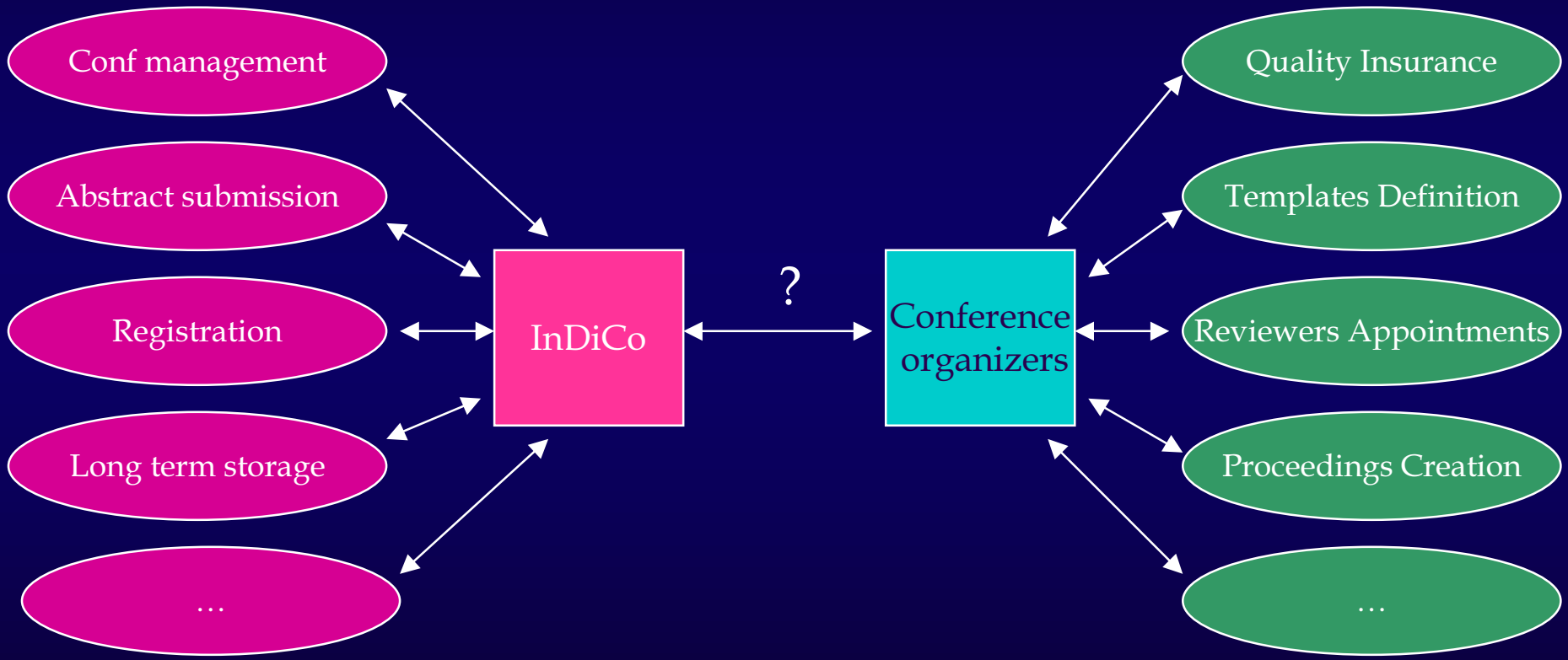
- **Stores schedules of meetings and associated documents**
- **Web creation/modification interface**
- **Related features:**
  - Multiple views
  - Overview
  - Search interface
  - Exportation modules
- **Currently in use at CERN and ICTP.**
- **Freely available from CERN Document Server under GNU General Public License**

  http://cdsware.cern.ch/cdsagenda

And JACoW ? (1)

- Make-a-Conference provides infrastructure for running conferences
  - Easy to use and to maintain
- JACoW knowledge/experience (through user groups):
  - Reviewing system
  - Templates setup
  - Web site creation
  - Proceedings
  - …

And JACoW? (2)


Conf management
Abstract submission
Registration
Long term storage
…
InDiCo
?
Conference organizers
Quality Insurance
Templates Definition
Reviewers Appointments
Proceedings Creation
…

THE END

- http://www.cern.ch/indico
- http://agenda.cern.ch
- http://cdsware.cern.ch/cdsagenda