



# The InDiCo Project

A Tool for Managing Conferences  
through the Web

T. Baron

CERN ETT-DH-CDS



# 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)

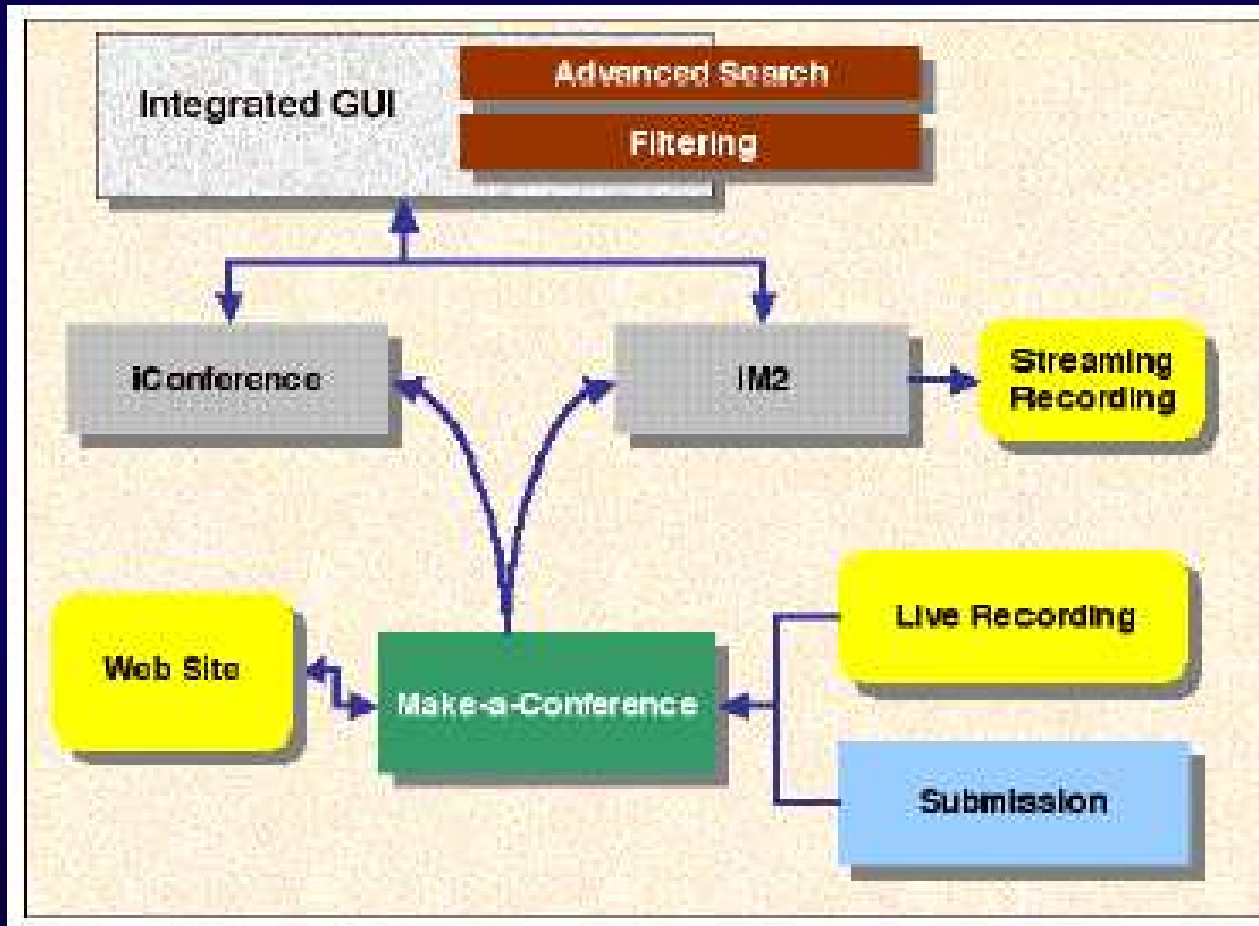


# Project Description (1)

- ◆ **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>

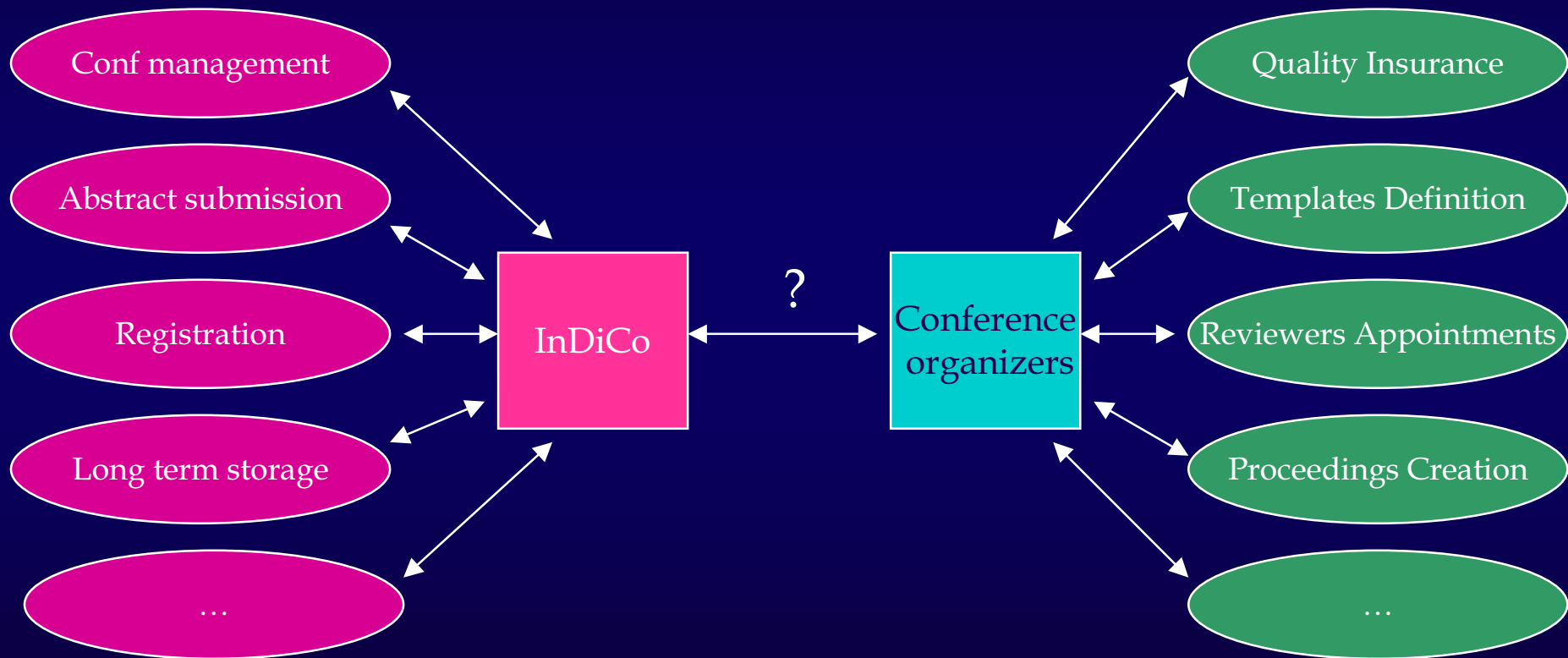


## And JACoW ? (1)

- ◆ **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)





# THE END

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