



# RCWG Update

Sheila Cisko, Chair  
Fermilab

# RCWG Membership

Sheila Cisko, Chair	Fermilab	Kars Ohrenberg	DESY
Alan Sill	Texas Tech University	Knut Bjorkli	CERN
Andy Kromphardt	University of Iowa	K. Estelle Dodson	NASA Ames Research Center
Art Bray	SLAC	Margaret McMurray	UTexas-TACC
Carl Scimeca	Princeton Plasma Physics Lab	Martin Jara	LBNL
Chris Masullo	Brookhaven National Lab	Reinhard Eisenberg	DESY
Christian Helft	IN2P3-LAL	Rich Horwitz	BNL
Brooks Collins	SLAC	Sabah Salih	University of Manchester
Deb Agarwal	LBNL	Stan Kluz	ESnet
Ed Ritenour	LBNL	Philippe Galvez	Caltech/VRVS.org
Gheni Abia	General Atomics	Steven Goldfarb	University of Michigan
Janine Jensen	Pacific Northwest National Lab	Thomas Baron	CERN
Jim Berry	Sandia National Lab	Tom Hayden	ANL HEP
Joao Fernandes	CERN/VRVS.org	Thomas Uram	ANL/Access Grid
Josh Stillerman	MIT	Terry Schalk	University of California – Santa Cruz
Karl Pommer	Los Alamos National Lab		



# Topics

- RCWG membership
- ECS stats
- ECS status
- Recent activities
- Future activities
- Contact Information



# ECS Stats June 07 to Dec 07



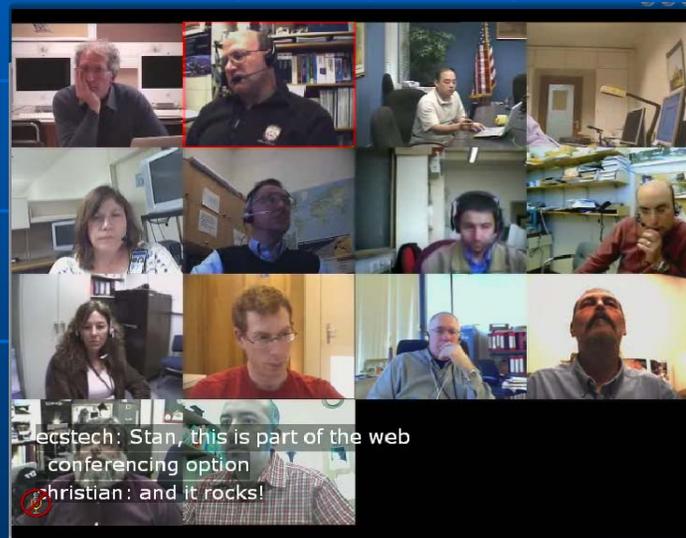
- H323 MCUs (ad-hoc)
  - Total registrants 1694 (1547 in 7/07)
  - Average # of hrs per month: 3331
  - Total number of meetings: 13,220
    - Average # of mtgs per month: 2203
  - No data for # of registered endpoints
- Audio/data MCU (reserved resources)
  - Total registrants 746 (672 in 7/07)
  - Average ports hrs per month 2049 (3343 4/07 to 7/07)
  - Total number of meetings: 5783
    - Average # of mtgs per month: 826

# ECS Status - Infrastructure

- Equipment Upgrades June '07
  - Smooth transition for most users
    - if they read their email
    - all three H323 MCUs have same features
      - need to advertise 82 & 85 MCUs
  - Continued use of original gatekeeper
    - ECS & Tandberg working on interoperability and GDS issues with new gatekeeper.
      - delay in resolution \*may\* be related to Tandberg purchase of Codian

# ECS Status - Operations

- Outsourced to TKO January '07
  - Generally working well
  - Recent participation in new technology investigations



# ECS Status – Operations (cont'd)

## ■ Concerns:

- Recent unscheduled ESnet outages not reported to ECS users by ECS/TKO/ or ESnet Staff
  - How to best resolve?
- ECS problems emailed to [trouble@es.net](mailto:trouble@es.net)
  - RCWG or ecs-tech is cc'd
  - trouble ticket status sporadic
- investigate a mechanism for RCWG and users to post trouble, experiences, fixes, questions, etc.
  - use web pages, message board, archived emails, wiki or other
  - unknown as to which site would host

# ECS Status – Operations (cont'd)

- Concerns (cont'd)
  - No interaction with TKO on R&D
    - new tools & applications
    - implementation and promotion of existing or future versions of MCU
      - example: improved Codian web conferencing
    - Open Source Linux and Mac H323 solutions
    - audio bridging
    - web conferencing solutions
    - HD & Telepresence
    - meeting tools
      - polling, attendance, private or to all IM, etc
    - document repositories
    - directory services
    - presence detection

# ECS Status – Operations (cont'd)

- Concerns (cont'd)
  - As offered at last ESCC Meeting  
the Fusion Group paid TKO to monitor an important meeting on ECS MCU
    - was ~\$2K worth peace of mind?
    - advertise this service on ECS web pages



# Recent RCWG Activities



- Future of ECS Architecture Discussions
  - Tested Adobe Connect for web collaboration
    - allows display of desktop apps
    - limited video attendees
    - general impression was positive
      - requires further testing with multiplatform power users
  - Recent guest presentation – Knud Thomsen
    - described EFDATV  
(European Fusion Development Agreement)
      - multipurpose desktop sharing system
        - using Java enabled browser or VNC client
      - open source code, small management effort required

# Recent RCWG Activities (cont'd)

- Recent guest presentation (cont'd)
  - DFNVC and RZG MCU services features
    - directory services – how to contact endpoints
    - presence detection for individual and room availability
    - records presentations
- Neither Adobe Connect or EFDATV integrate phone

# Recent RCWG Activities (cont'd)

- Future of ECS Architecture Discussions (cont'd)
  - Indico
    - feature-rich event oriented tool for conferences, meetings, lectures
    - At CERN is used for all meetings, room bookings
    - Future developments will allow convener to start meeting
      - makes a connection from room system to EVO, Hermes or ECS
  - EFDATV & Indico are complimentary and can provide meeting tools, document repository and remote presentation capability

# Indico Example: Meeting management

- Video conference integration

The screenshot shows the Indico web interface. At the top left is the logo for INDI CO Integrated Digital Conference. To the right is a 'Management Area' button and a user profile for 'BJORKLI, Knut' with a 'logout' link. Below this is a breadcrumb trail: 'Home > Departments > IT > Groups > UDS > Training > Collaboration tools > Room and EVO tutorial for ATLAS'. The main content area has a header 'Meeting Room and EVO tutorial for ATLAS' and 'Created by BJORKLI, Knut'. A navigation bar includes 'Main', 'Room Booking', 'Files', 'Timetable', 'Participants', 'Videoconference' (circled in red), 'Listings', 'Protection', 'Tools', and 'Logs'. Below the navigation bar, there is a section titled 'Please select the system or resource where you want to place the booking'. It features a dropdown menu currently showing '----not selected----' with a list of options: 'VRVS Virtual Rooms', 'HeRMeS System', and 'eDial System'. To the right of the dropdown is a 'Create Booking' button. Below this is a table with the header 'Current Bookings Found ( 0 )' and columns for 'Title', 'Description', 'Starts', and 'Type'. A 'delete selected' button is located at the bottom left of the table area.

- Currently integrated: VRVS booking
- Planned integration: EVO, HeRMeS, phone conference system

credit: Thomas Baron

# Indico Example: Meeting management (cont'd)

- One button to rule them all
  - if desired, notably at CERN

The screenshot shows a web browser window displaying the Indico interface for an "RCWG meeting" on Tuesday 20 November 2007, from 08:00 to 18:00 at CERN (1-1-025). The interface includes a navigation bar with "category" and "view: Indico style" options, and a "manage" button. The main content area features a "Material: Minutes" section and a "start" button. A table lists the meeting agenda items:

Tuesday 20 November 2007	
08:00	ESnet status (20)
08:20	Indico demo (20)

The "start" button is a large, circular, black button with the word "start" in white. The interface also includes a "top" link and a "logout" link in the top right corner.

# Recent RCWG Activities (cont'd)

- Future of ECS Architecture Discussions (cont'd)
  - Registration solutions
    - Registration agents could be RCWG member, site/room coordinators, technical contacts



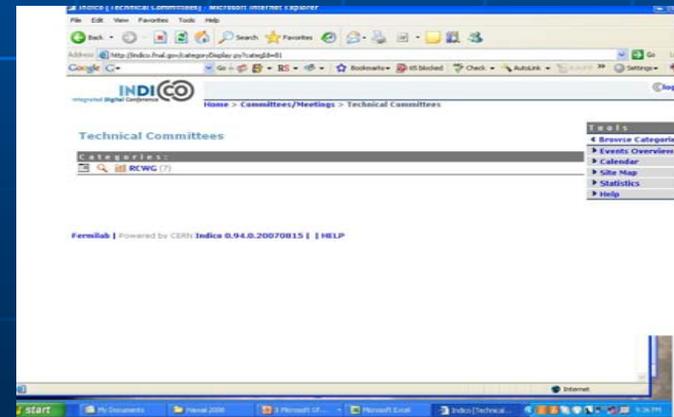
# Recent RCWG Activities (cont'd)

- Assisting with migration to EVO from VRVS
  - interoperation with ECS MCUs
  - tutorials and web instructions created (CERN, FNAL et al)
- EVO review major recommendations
  - Switch from VRVS to EVO, terminate VRVS support
  - Potential funding sources should add resources for 1<sup>st</sup> year operations
  - Focus near-term on improved user experience and audio performance
  - Reevaluate EVO along with other LHC tools in one year



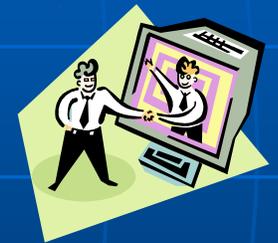
# Recent RCWG Activities (cont'd)

- Members presented at CHEP07
  - Steve Goldfarb on LHC Collaboration Tools
  - Philippe Galvez on EVO
- Indico@FNAL used for general meetings
  - includes meeting minutes and presentation materials



# Future RCWG Activities

- Outreach to LHC, ILC, Fusion and Particle Astrophysics
  - help collaborations select interoperable tools
- Continue to promote ECS H323 MCU features
  - H239 (video+data)
  - Streaming
  - Customizable video displays
- Continued interactions with industry vendors & developers
  - including technology investigations
    - H323 to SIP MCUs
    - HD and telepresence



# Future RCWG Activities (cont'd)

- ESnet Consolidated Survey to ECS community or equivalent
- Test, advise ECS with audio/web collaboration upgrade, HiDef MCU
- Assist with ECS infrastructure change to disaster recovery relocation
- Plan next Workshop
- Membership drive
- Create RCWG document repository
  - replace ECS workshop wiki
  - open to VC users for technical reference



# Contact Information

- Contact Sheila Cisko [scisko@fnal.gov](mailto:scisko@fnal.gov) for connection information



RCWG Meetings  
Wednesdays 11amCDT

[RCWG@ES.net](mailto:RCWG@ES.net)