Conference Highlights

From Communication to Collaboration over the Internet

Conference Highlights
Keynotes
• Information becomes a primary resource of the new society, perhaps more fundamental than matter or energy.

• It is important to... affirm the need for active selection and not passive acceptance of data without participation and criticality.
Finding Meaning in the Internet...

...How can you tell Gold from Lead over TCP/IP?

Richard Perlman
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Lucent Technologies
Bell Labs Innovations
The Potential

- In the age of hyper-text, a non-fiction work is now merely the index to a body of knowledge rather than the knowledge itself.
  - Consider the importance, and significance, of that statement.
  - Non-fiction work, facts, data, information, is now not only important for what it say, but for what it can be connected to.
  - And, that connection does not have to be direct and linear.
  - It can be indirect, through another menu, via a graph, etc.
Multimedia over the Internet

François Fluckiger
CERN, Geneva

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European videoconferencing and streaming initiatives

Dr. ir. Egon Verharen
SURFnet

Contents:
- TF-STREAM
  - activities in videoconferencing and streaming
- European videoconferencing service
  - numberplan
- other initiatives
  - ViDeNet
  - I2 Commons
- SURFnet services and projects
Desktop Video Conferences

Ivana.Pezelj@st.CARNet.hr
Albert.Novak@pu.CARNet.hr
Discussion

- How useful is it for my environment?
  - How much does it cost to implement
  - How much does it cost to use
- How costly it is?
  - money, time, ...
- How can videoconference challenge face-to-face communication?
- What do I need now?
- Now or never?
Successful use of intranets

Predrag.Pale@FER.hr
Questions to be answered

- who is the owner of an intranet
- is intranet a centralized or distributed solution
- turnkey intranet solutions vs. evolutionary (self)development
- which are the (best) tools for building an intranet
- what is the importance of visual design
- can anyone use intranet
- which support services are required
- how secure is an intranet
- how expensive an intranet might became
- what is an extranet
The ThinkQuest Program

A Tutorial

by

Vikas A. Sonak
Outline

- About ThinkQuest
- How to participate
- Teamwork
- Strategy
- Highs and lows
- Web site features
- Points to remember
Lectures

cuc 2001
Internet Surveys -
Potentials For Use in Scientific Research

Mirta Galešić
Department of Psychology - University of Zagreb - Croatia
New ways of police communication

mr. sc. Miroslav Bača
dr. sc. Stipe Ivanda
mr. sc. Marijan Šuperina
We propose

- Every police officer must have an e-mail address in the police station,
- Every police station must have a www address inside the ministry of interior,
- Creating news groups inside the ministry of interior for the specialization of the police work
Introducing Information and Communication Technologies to Schools in Slovenia

Tomi Dolenc
Academic and Research Network of Slovenia
tomi.dolenc@arnes.si

CUC, Zagreb, 24-26 September 2001
• Interested in using new applications
• Demand for highly interactive communication
  – videoconferencing, distant teaching & learning
• Schools make good test-beds for ICT usage
  – technology in everyday’s real life environment
    • maintenance, security risks
    • different levels of experience
Developing an online workspace platform for asynchronous collaboration

Zeljko Klindzic
Zarko Vuckovic
Jasmin Klindzic
Conclusion

- Internet & W3 need to be improved
- Collaboration system needed
- The simplest & low cost solution of collaboration system is asynchronous, purely W3 based
Online Asynchronous Learner Discussion Forum

A New Collaborative Tool for Teaching Guided Discovery and Critical Thinking in Physiology

Sunčana Kukolja Taradi skukolja@mef.hr
Milan Taradi mtaradi@mef.hr
Department of Physiology and Immunology, Faculty of Medicine, University of Zagreb
Conclusion: General

Online asynchronous discussion forum benefits

Increased time for discussion
- gives time for reflection
- thoughtful, articulate responses
- allows for giving and accepting feedback
- allows students to seek clarification or help immediately the need arises

Gives "voice" to silent students - 100% participation
- provides a more egalitarian learning environment

Supports peer learning

Increased involvement with the course's content outside the regular classes

Transcript available for review and feedback
- enables instructors to see how the material is being intellectually interpreted and integrated by each student
- allows students to benefit from feedback from their fellow-students and the instructor
EU-INFO Hungary:

„Daily updated information system of agricultural and food marketing data from the European Union in the national language”

Dr. László Papócsi
GAK Kht. Gödöllő, Hungary
St. Stephen University
Strukturális reformokat vár Solbes - Magyarország célja a 2006-os eurózóna-tagság

Az EU közkedéki minisztere a légközkedédes szabályainak szigorítása mellett
Az EU-tagságok közkedéki minisztereinek a hét végén tartott rendkívüli üléseik között foglaltak, a légközkedédes iránti szabályok szigorítása mellett mind az unió belül, mind nemzetközi szinten.

2005. 9. 17.

Agrárügy

DV, Biz. MG, Tisztelet,
Agenda 2000 / MG
SAPARD
ISPA
LEADER program
Strukturális alapok
Kohéziós Alap
Regional Policy/Cohesion
EU Növénynyoga Iroda
Mg. támogatás

Internet portál

Evropszéria szerver
Információs hálózatok
EU Inform, Szolgálat
EU Quick Link Page
European voice
1'TM Guide
Landmarks
ECHO
Ampalégya info
Official Journal

Hírek

EU delegáció hírei
EU-szövetség
EurOpNews
BARDA
The Croatian Association of Paraplegics and Tetraplegics (HUPT) Web Site

Manda Knežević and
Janko Ehrlich Zdvořák
The Croatian Association of Paraplegics and Tetraplegics

- independent, non for profit NGO.
- Goal: to create network of people with para/tetraplegia and people who can actively help in order to increase the quality of life
Setting up CARNet Media on Demand

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...in the beginning...
...quite soon...
Workshops
Virtual Laboratories

Ivan Marsic

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CUC 2001
Contents

- Introduction and Requirements
- Java Beans  (½ hour)
  - Common software design patterns
  - Events, properties, persistence, and introspection
  - Levels of abstraction
- Extensible Markup Language (XML)  (½ hour)
  - Concepts and examples
  - Extensible Stylesheet Language (XSL)
  - Bean Markup Language (BML)
- UML Design for Virtual Laboratories on the Internet  (¾ hour)
  - Analysis
  - Design

Total duration: 2 hours  (17:30 – 19:30)
Communication in Virtual Environments

Igor Pandžić

Linköping University
www.bk.isy.liu.se/staff/igor
Communication in Virtual Environments

Outline

• Goals of the workshop
• Virtual Environments and related topics
• Networked Collaborative Virtual Environments
• Virtual Environments on the Web
• Virtual Humans
How to create an Internet Community?

Table of contents

- Internet Community (IC)
- Technology
- What is communication?
- Technologies
  - Synchronous
  - Sync or Async?
- Tech by usage
- Tech by requirements
- Technologies
  ...

Kristian Zimmer
Forming of an Internet community
Phases - chronological

- define your goals
- learn about ICs (think of including a professional sociologist/communicologist)
- analyse who and where the potential community members are - do they belong to some other IC? - **Think of forming a clique and come to power! :-)**
- understand real reasons why would/wouldn't they join you
- invite people in the right way
- analyse their present knowledge of Internet collaboration and communication tools before imposing/suggesting it to the group (HULK irc example)
- define decision-making issues
- define resulting activity and keep track on how successful IC is
- analyse group member knowledge, skills and connections - divide them into working bodies if possible to make your IC more efficient!
- analyse ideas - have an idea-management system in your IC (Pliva)!
Acronyms are abbreviations, or words formed from the first letters of other words to express commonly used phrases.

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Internet's addictive properties

Internet as a time sink

- Do you feel preoccupied with the Internet (think about previous online activity or anticipate next online session)? □
- Do you feel the need to use the Internet with increasing amounts of time in order to achieve satisfaction? □
- Have you repeatedly made unsuccessful efforts to control, cut back, or stop Internet use? □
- Do you feel restless, moody, depressed, or irritable when attempting to cut down or stop Internet use? □
- Do you stay online longer than originally intended? □
- Have you jeopardized or risked the loss of a significant relationship, job, educational or career opportunity because of Internet? □
- Have you lied to family members, therapist, or others to conceal the extent of involvement with the Internet? □
- Do you use the Internet as a way of escaping from problems or relieving a dysphoric mood (e.g. feeling of helplessness, guilt, anxiety, depression)? □

Yes answers: [ ] Calculate my result

More than five (5) yes answers makes you dependent on Internet.
How to organize and run audio/videoconference

Zlatko Jelačić
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Outline

- Introduction in teleconferencing
- How to organize room VC system
- How to run audio/videoconference
- Planning VC
- VC tips
Online Communities:
How Americans Use e-groups to Connect with Each Other—Across Distance and Across Town

John B. Horrigan, Ph.D.
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202.557.3465
Pew Internet & American Life Project
Washington, D.C.
http://www.pewinternet.org
September, 2001
TF-STREAM Deliverables:

- Info site with tools, presentations and projects
- Glossary of terms
- European Video Conferences
- Network infrastructure for distributing live streaming events across
- Policy document for publishing AV material in the public domain
- Document on distribution issues
- Web repository and index of publicly available AV material
- Recommendation on best practice for generation of metadata in content creation
- Best practice guidelines for streaming experiments
- Clearing house of (multicast) monitoring tools
- Diffserv experiment
- Security
- Workshops (e.g. HD streaming & VC)
Collaboration does not know boundaries
international video call should be as easy as local telephone call/email
support for large multiparty conferences
— audio, video, data