Global Arts and Media Experiments

Artur Serra
Fundació i2cat

CERN, Geneve
October 14th 2010

1. The Internet
of
Arts and Artists...

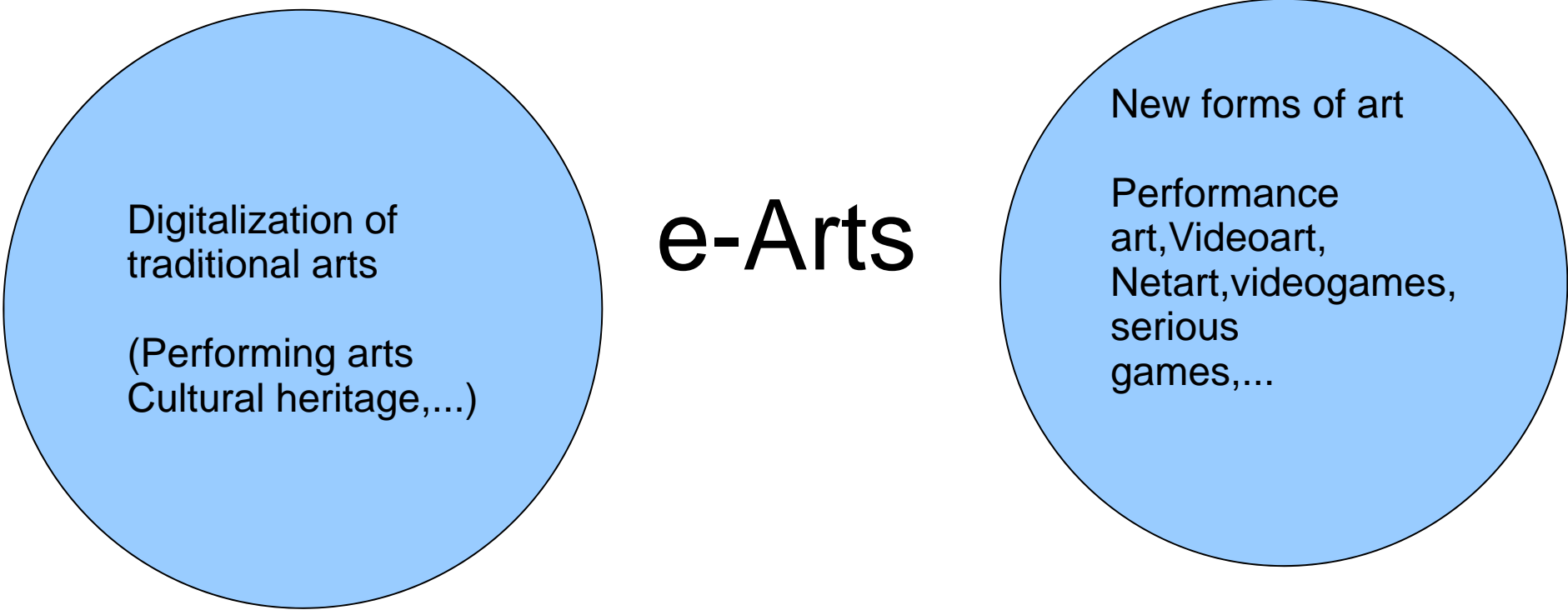# How a cultural anthropologist see the Internet evolution?

- 1st. 1970s-80s The Internet of the computer scientists and technological people (email,ftp,telnet,...) (6 M personas)

- 2nd. 90s-2010s The Internet of scientists and literated people. (WWW, Grid, Blogs, Wikipedia...). (1000 M people)

- 3rd. 2010s-2030s The Internet of artists and vocal and visual communities. (VoIP, HD,videoconf,...) (6.000 M personas)

Advanced Internet
and Arts

eArts, eCultures
Media:
HD/3DVideo/Visualization/Telepresence

eScience
Computation:
Supercomputació/GRIDs/Clouds

Research Networking:
Lambda
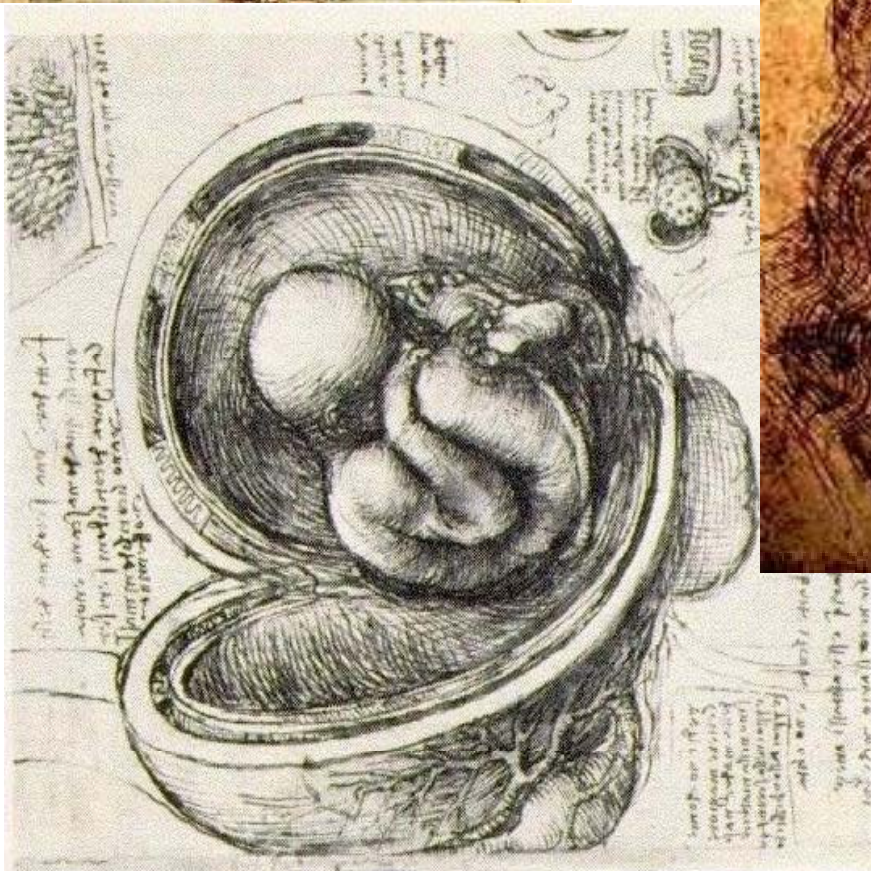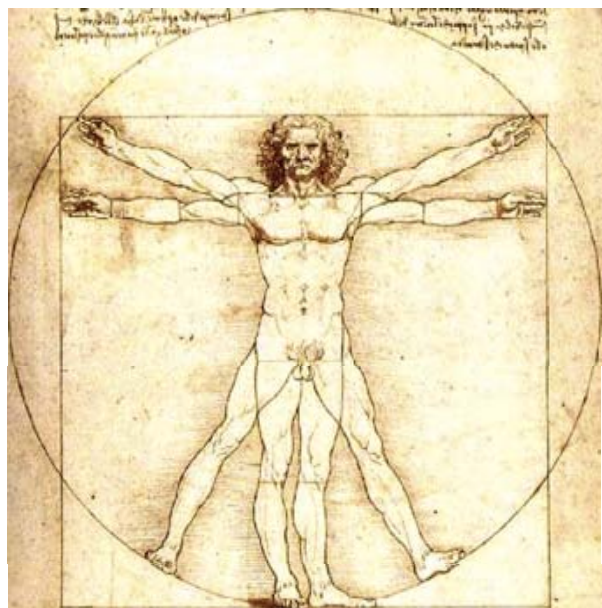Networking,4G...

Digitalization of
traditional arts

(Performing arts
Cultural heritage,...)

e-Arts

New forms of art

Performance
art,Videoart,
Netart,videogames,
serious
games,...

After 500 years

2. Different approaches

a). The University approach.

Internet 2,
Arts and Humanities Initiatives at Universities 1998. Seattle

Characteristics

Leadership from Fine Arts schools from Universities

University to University communication

Master classes,

Interactive demonstrations,

Relatively low bandwidth (around 100 mbps)

Strong support from IT academic services

http://events.internet2.edu/2010/nws/

softonic.com4 Customizec

2010 Performance Production Works...

Membership   Network   Communities   Services   R&D   Tools   **Events**   Newsroom   About

INTERNET 2

Member Meetings   Joint Techs   Workshops

SEARCH

News Feed

Internet2 & New World Symphony
Performance and Master Class Production Workshop

Internet2 and the New World Symphony will host a hands-on audio/video production workshop on **25-27 January, 2010**, on the campus of the New World Symphony in Miami Beach, Florida. The workshop will include demonstrations, real-time experience connecting with remote sites over Internet2 advanced networks, collaborating and developing international partnerships and projects, and setting up incoming and outgoing audio and managing echo, creating a multi-camera shoot, placing lights and projectors and operating a variety of hardware and software codecs. We will explore in depth the elements needed to do everything from simple one-on-one interactions to larger scale stage productions, and will give participants an opportunity to gain hands-on experience with codecs and network testing tools, discuss dealing with variable bandwidth issues and the administrative and economic requirements to implement production.

new world symphony
america's orchestral academy
michael tilson thomas, artistic director

The workshop is designed for an audience of educators, technologists, administrators, deans, CIOs and all interested parties are invited to attend.

In addition you will have the opportunity to tour the New World Symphony's new campus facility, prior to opening.

NEW! See the full workshop agenda.

Workshop fee: $200 Internet2 members, $250 Non-members

Register Now!

Hotel Information

The Albion South Beach
Contacts:
Richard Betteridge, 🇺🇸 ▾ **305-913-1102** 📞
Cesar Guerra, 🇺🇸 ▾ **305-913-1027** 📞
Please indicate *New World Symphony/Internet2 conference* when booking to receive conference rate of
$150/night for Classic King and Pool room

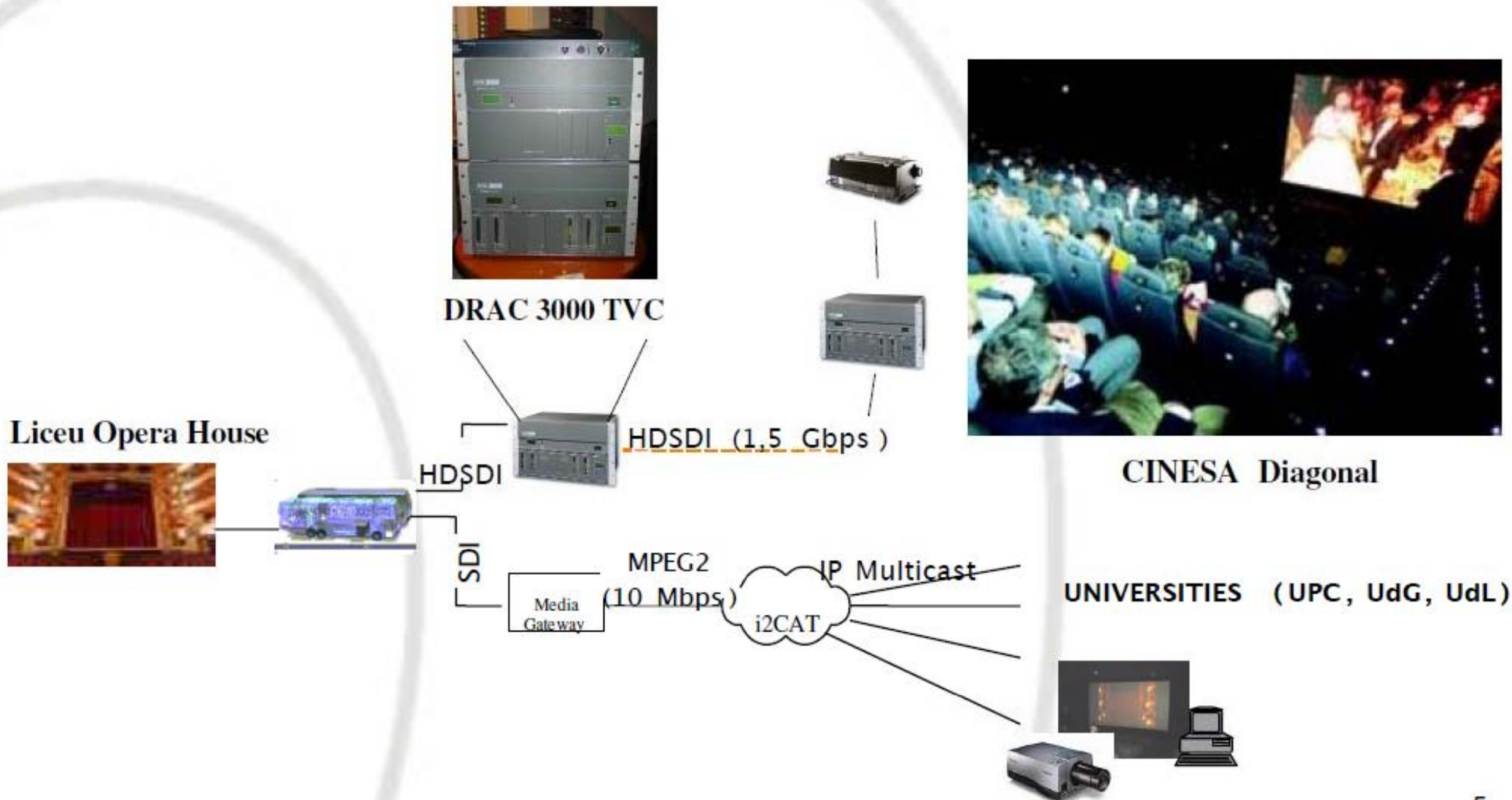Oct 11, 2010 – Internet2: Registration is open for the next Shibboleth Workshop Series, Nov. 9-10, at Lafayette College in Easton, PA. The... http://fb.me /D6OD9EgS

....

Oct 05, 2010 – Internet2: National Library of Medicine federates PubMed service, identity and access management as an institutional... http://fb.me /Lxq162x7

....

Sep 30, 2010 – Internet2: Considering joining InCommon? Here's your chance to find out, step-by-step, how to do so. Day CAMP: Getting... http://fb.me/IXTxDhxm

....

RSS 2.0
Internet2 Wiki

Open Opera (2001)

DRAC 3000 TVC

Liceu Opera House

HDSDI (1,5 Gbps)

HDSDI

SDI

Media Gateway

MPEG2 (10 Mbps)

i2CAT

IP Multicast

CINESA Diagonal

UNIVERSITIES (UPC, UdG, UdL)

Ir a la página siguiente

PROBLEMS? CONTACT US

Liceu **Òpera Barcelona**

Òpera Oberta 2009-2010

Òpera Oberta
2009-2010

Òpera Oberta
making off

Wiki

📶 NOTICIAS 📶 COMENTARIOS

FLAMENCO EN RED

Curso Universitario de iniciación al Flamenco

ACCESO FORMULARIO WEB DE ADHESIÓN | DESCARGAR FORMULARIO DE ADHESIÓN (PDF)

DESCARGAR CARTA A RECTORES (PDF)

FINANCIA: COORDINA: SOCIO DE CONTENIDOS: COLABORA: PRODUCE:

ESPACIOS ESCÉNICOS: TEATRO VILLAMARTA (JEREZ) | TEATRO CENTRAL DE SEVILLA | TEATRO CÁNOVAS (MÁLAGA)

Flamenco en Red   Links   Acceso Técnico   Zona de Prensa   Contacto | Buscar en la web... | IR |

EVENTOS   FLAMENCO EN RED 2009/10   FLAMENCO EN RED 2010/2011   LA PRODUCCIÓN   LOS ARTISTAS   NOTICIAS   VIDEOS

You are here: Home / Flamenco en Red 2009/10

EL PROGRAMA FLAMENCO EN RED AMPLÍA SU OFERTA DE ACTIVIDADES PARA EL CURSO 2010/2011

🗓 Julio 30, 2010 por admin   💬 Dejar un comentario

Archivado bajo FLAMENCO EN RED 2010/2011, Flamenco en Red
2009/10

FLAMENCO EN RED 2010-2011 adelanta sus contenidos con dos modalidades de inscripción: FER
SUPERIOR y FER BÁSICO

🏷 Etiquetas:

NOTICIAS Y ACTUALIZACIONES

📶 Apúntate para recibir noticias de última hora
así como actualizaciones de la web!

| Introduzca su dirección de correo electrónic | IR |

VISITANOS EN ...

SIGUENOS EN INTERNET
FLAMENCO EN RED

Dança Telemàtica
Univ. Bahia
Prof. Ivani Santana
RNP

Home   Programme   Venue   Hotels   Committees   Sponsor   Registration   Participants   Contacts

INTERNET2   TERENA   Consortium GARR

Performing Arts Production Workshop

13-15 July 2009 - Trieste

Conservatorio di musica Giuseppe Tartini
Trieste

Performing Arts Production Workshop - 13-15 July 2009 - Trieste, Italy

GARR will host the TERENA and Internet2 hands-on audio/video production workshop that will be held on **13-15 July 2009,** at the Music Conservatory of Trieste, Italy. The workshop is meant to be the first in a series of annual events emphasising the equipment and staffing requirements for interactive performing arts education, multi-site performance events, and high quality netcasting over advanced networks.

The main target of the workshop are people from institutions which produce events in the performing arts area (music schools and academies, dance academies, arts academies, ...) and want to explore the new possibilities and challenges that advanced education and research networks can offer them and their institutions. More over also people involved in audio/video production in other areas can greatly benefit from the presentations, and practical "hands on" sessions with edge advanced applications and services.
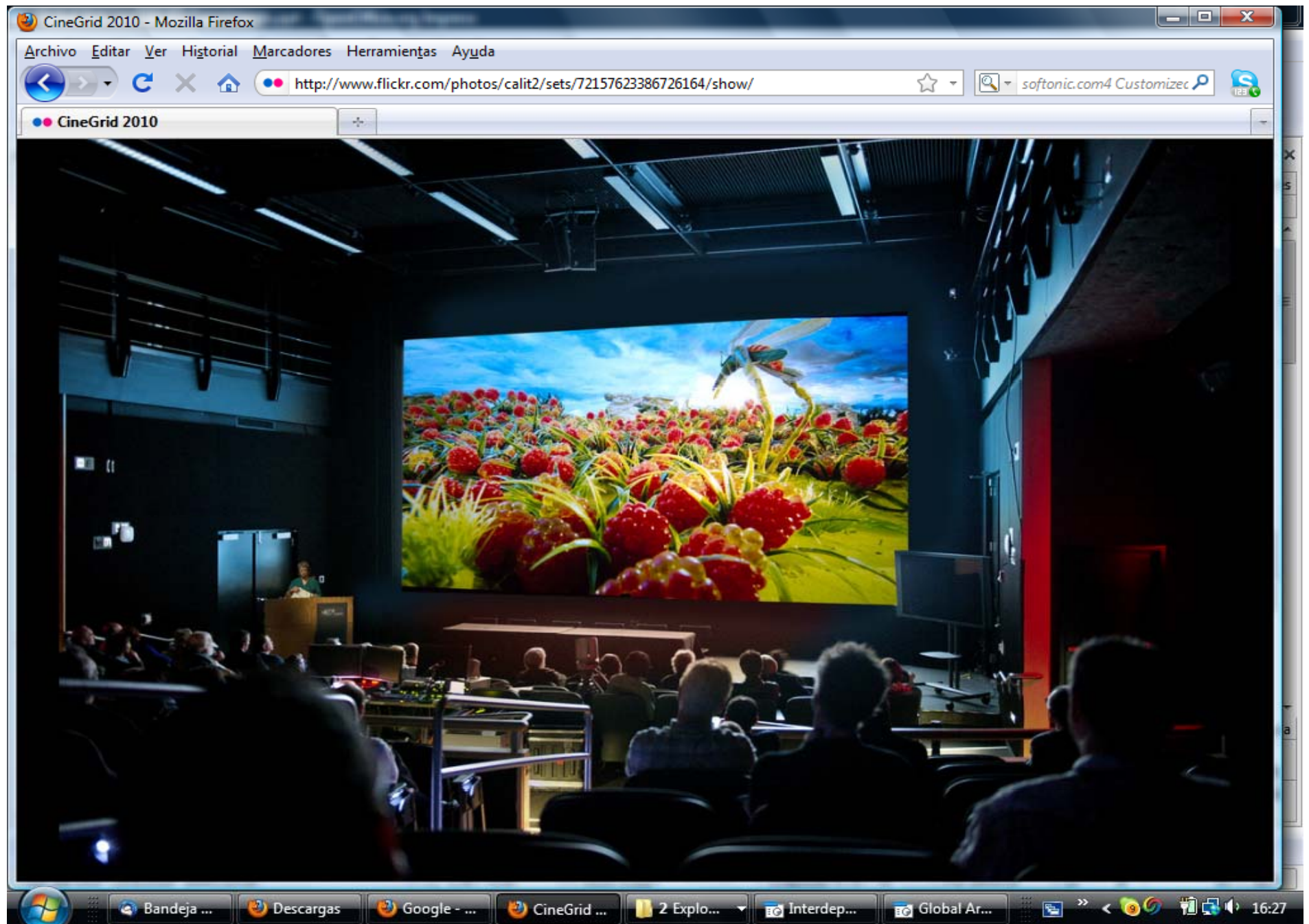
The Performing Art Production Workshop feedback form is online at:
http://www.servizi.garr.it/index.php?option=com_chronocontact&chronoformname=PAPWSfeedbackform

b). The Technologist's Approach

CINEGRID (2006)

Cinegrid

Visionary approach from technology

Technology push: more bits, more bandwidth, "very high quality media over photonic networks"

Virtual reality, telepresence, 4k,8k and beyond

Strenght in scientific visualization.

Cinegrid Exchange: Amsterdam, Chicago, Monterey, Prague, San Diego, Tokyo, and Toronto

Interest from technological companies

HPDMnet
High Performance Digital Media Network

| Home | About HPDMnet | Resource Center | Events | Documents | Members | News | Contact Us | Site Map |

- CANARIE
- Communications Research Centre (CRC) Canada
- Electronic Visualization Laboratory(EVL), University of Illinois at Chicago
- I2Cat
- Inocybe
- Institute of Computer and Network Engineering, Technische Università Carolo-Wilhelmina zu Braunschweig
- International Center for Advanced Internet Research (iCAIR), Northwestern University
- Korea Institute of Science and Technology Information (KISTI)
- National Center for High-Performance Computing (NCHC) Taiwan
- National Center for Supercomputing Applications (NCSA), University of Illinois at Urbana-Champaign
- NetherLight
- Nortel
- SARA
- StarLight
- SURFnet
- Synchromedia
- The Braunschweig University of Art
- University of California, San Diego
- University of Essex
- University Van Amsterdam

Cultural Ring/HPDMNet – ART FUTURA 2007

Music performance from Brazil

Cultural Ring – ART FUTURA 2
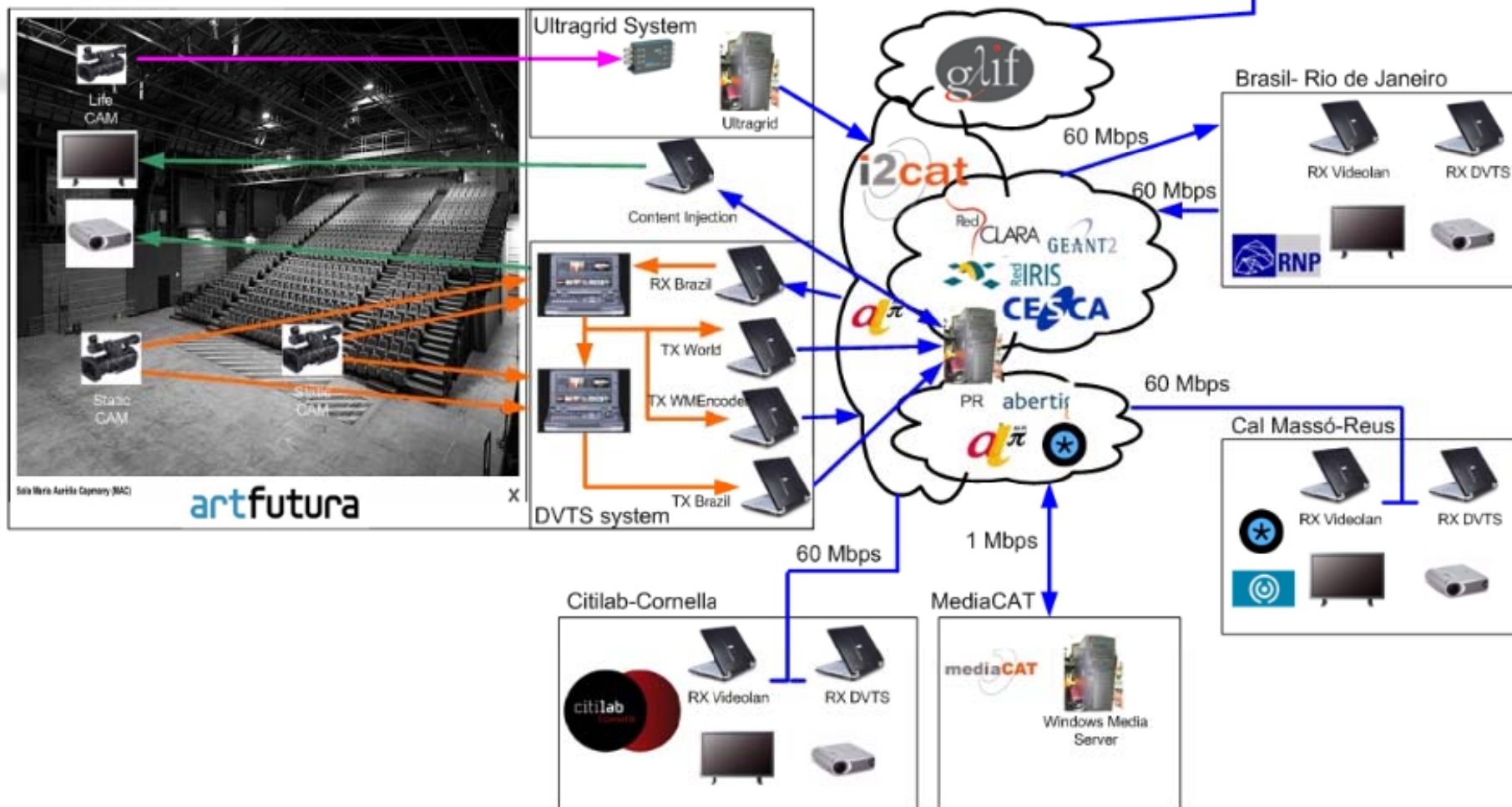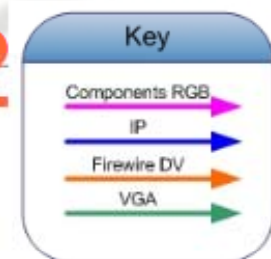
c). The Community Approach

Opening the RNs

Traditionally:

- few people using high bandwitdh,
- many people using low bandwitdh.
- Science and technology are at universities and research centers.

New reality:

- Many people using high bandwidth
- Many people can experiment with high bandwidth
- Arts and media experiments are in and out of Universities and research centers

The Anella Cultural,
the Cultural Ring (2006-2008)

The user-driven innovation to Internet of arts

The team

Sponsors

La Anella Cultural
The Cultural Ring

La Xarxa Transversal: a network of cultural programmers in cities

1. Connecting cultural centers

Gran Teatre del Liceu

Teatre Principal - Olot

Teatre Bartrina - Reus

Teatre Monumental - Mataró

Teatre de l'Escorxador - Lleida
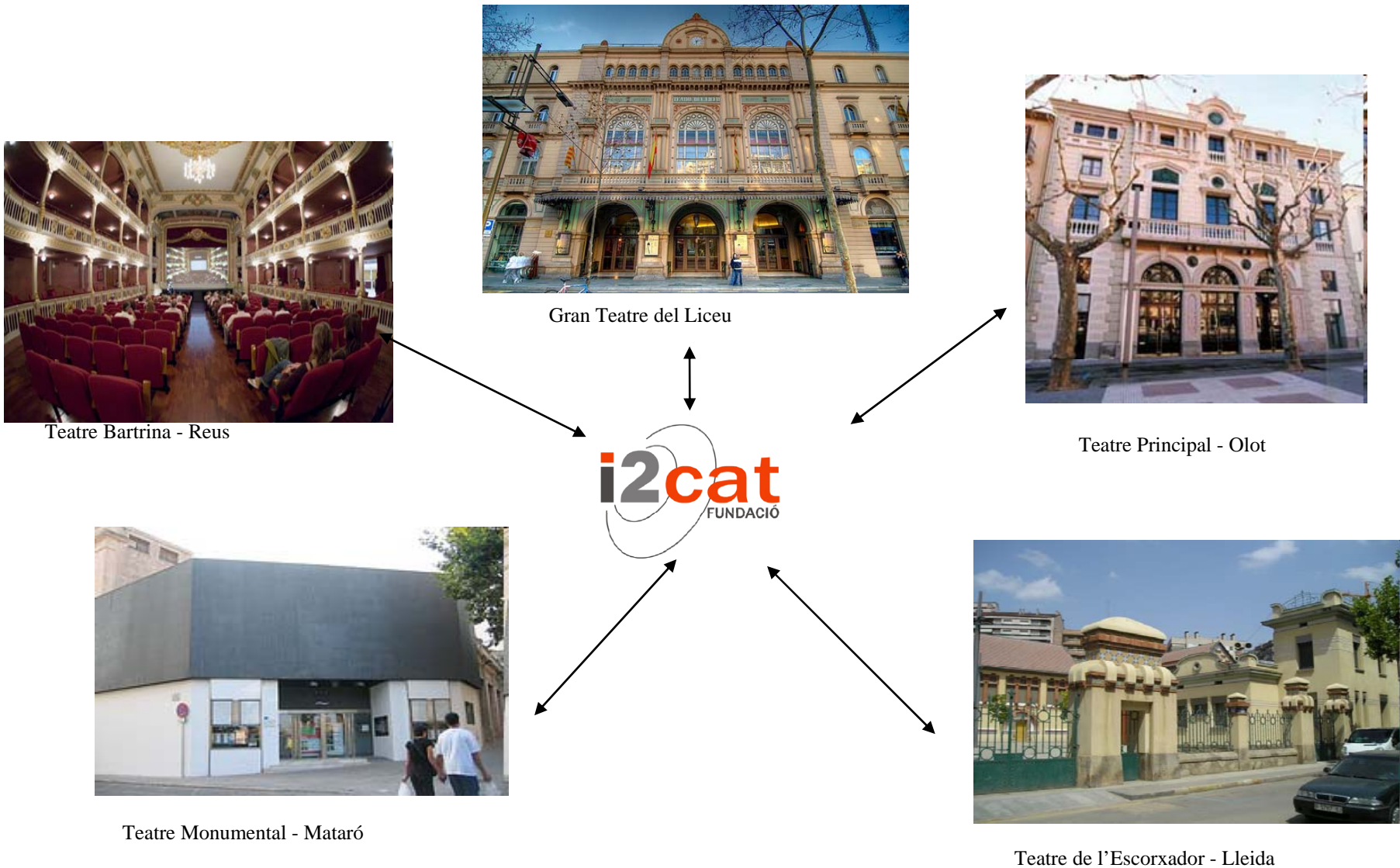
•IP network, from 5Mbps to 1Gbps symmetrics

2. Transforming into media studios

- 2 portable PCs
- 1 audio card
- 1 HD projector
- Power amplifier
- Audio system.
- Audio mixer.
- Sony Anycast station

3. Sharing cultural events

Poetry festivals

Guided tours

Master Class

Workshops

Courses

Conferences

Artistic performances

"Difussion is where technology offers major opportunities to the opera in the XXI century" J. Matabosch.

Cultural Ring – Apartheid Exhibition 2008

- Format: Exposition transmitted via I2 by Thuran (Barcelona soccer player)

School 3 (Granollers)

School 1 (Reus)

School 4 (Lleida)

CCCB (Barcelona)

School 2 (Olot)

MUSICLab

Metamembrana 2008, Exploring new art formats

Marcel.lí Antunez

The main lesson: sharing muldirectional communication between cultural centers

http://portal.ac.i2cat.net:8080/MediaTeca/index.htm

Google

juan freire: Estrategias institucionale... ✕ | Google ✕ | Mediateca. Anella Cultural ✕
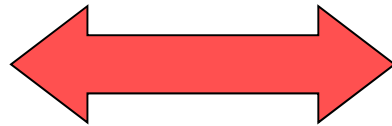
MEDIATECA
ANELLA ✳ CULTURAL

Portal   Cerca   Canals   Login
         avançada

✳
SESSIÓ

Hipnotik ✳

PRESENTA
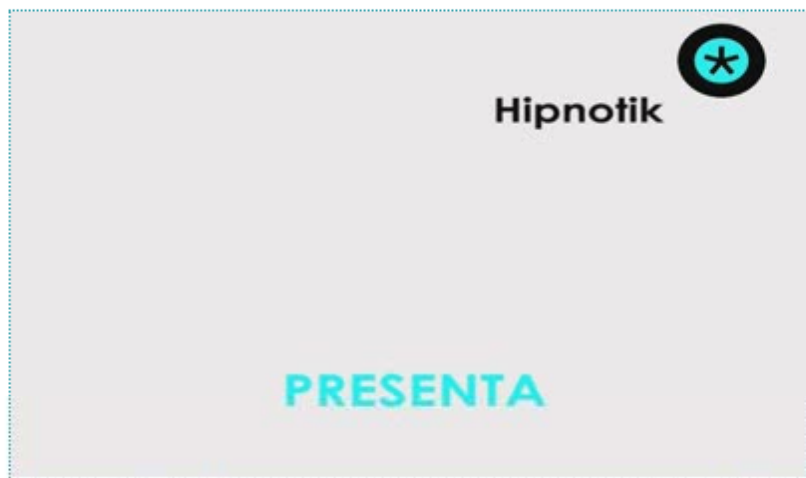
Resum Anella 2008   ✳ 00:07:28

VIDEO SOTA **DEMANDA DACTIVITATS** CULTURALS A CATALUNYA

✳ A la xarxa Amb la consulta en xarxa podràs consultar el catàleg de
vídeos de la Anellla Cultural, i gaudir de molts continguts des de la
teva casa

⊚ Centres anella Els Centres Anella són espais culturals connectats
amb internet d'alta velocitat en els quals podràs gaudir de tots els
videos de la Anella a la màxima qualitat

Els mes vists

Hipnotik 08 Sumary   ⊚ 00:00:44

Recents

Palau St Jordi 3 minuts ✳ 00:03:09

CCCB

now
TROBADES EN EL PRESENT CONTINU

Now 07   ✳ 02:04:00

Anella

Hipnotik 08 Sumary   ⊚ 00:00:44

Lleida

Hipnotik Lleida   ✳ 00:05:49

Poesia

a c e m
15
anys
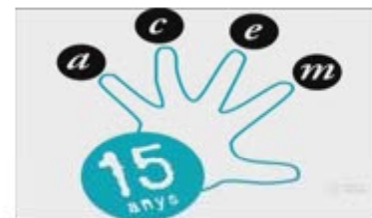
3 minuts palau Sant Jordi ✳ 00:03:09

Anilla Cultural Latinoamerica-Europa 2009-2010...

MINISTERIO
DE ASUNTOS EXTERIORES
Y DE COOPERACIÓN

aecid

Dirección de contenidos:

Dirección tecnológica

CCCB

i2cat

Opening RNs in LA and Europe for Arts and Media experiments

Participants

Collaborating institutions

softonic.com4 Customized

Buscar

Español   Português   English

AnillaCultural
LATINOAMÉRICA-EUROPA

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Evento inaugural de la Anilla

LANZAMIENTO INTERNACIONAL

NOV. 06 2010

NUEVA ÁGORA ANILLA CULTURAL LATINOAMÉRICA-EUROPA

El evento inaugural de la Anilla Cultural Latinoamérica – Europa tendrá lugar el próximo 6 de noviembre. Los encuentros presenciales en São Paulo (Brasil) y en

00:00   BLIP.TV
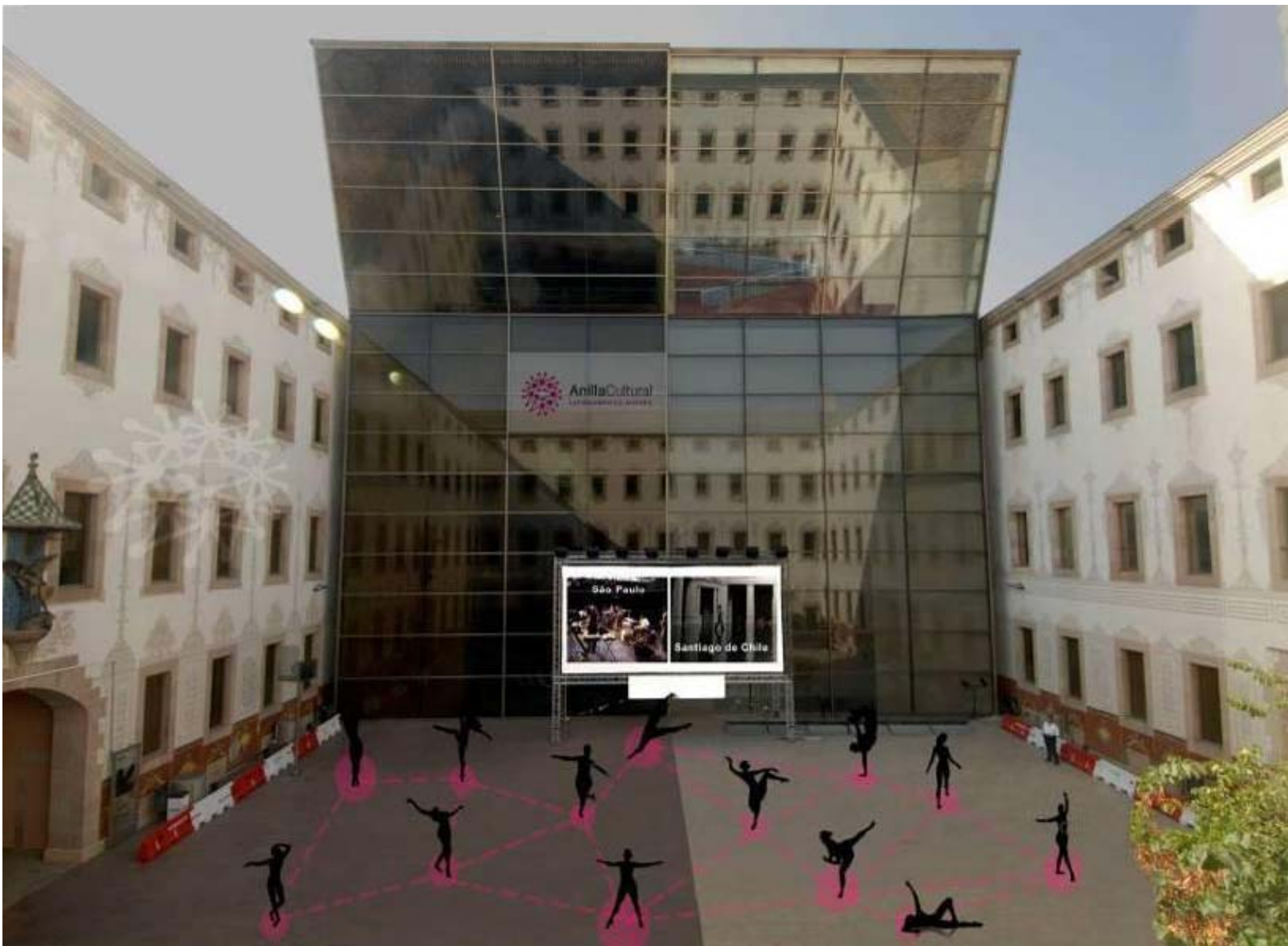
Centro Cultural Sao Paulo, Brasil

CCEC, Argentina

MdA, Colombia
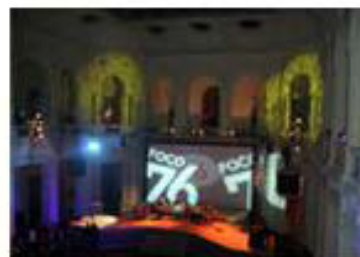
MAC, Chile

AnillaCultural
LATINOAMÉRICA·EUROPA

Next steps...

TEIN3 workshop in Daejeon, Korea

2010 Application Workshop on TEIN3 Network

Title: Cultural Heritage of Performing Arts over Future Internet
Date: October 20th(Wed)~21st(Thu), 2010
Venue: Fusion Hall in KI Building(E4) at KAIST, Korea
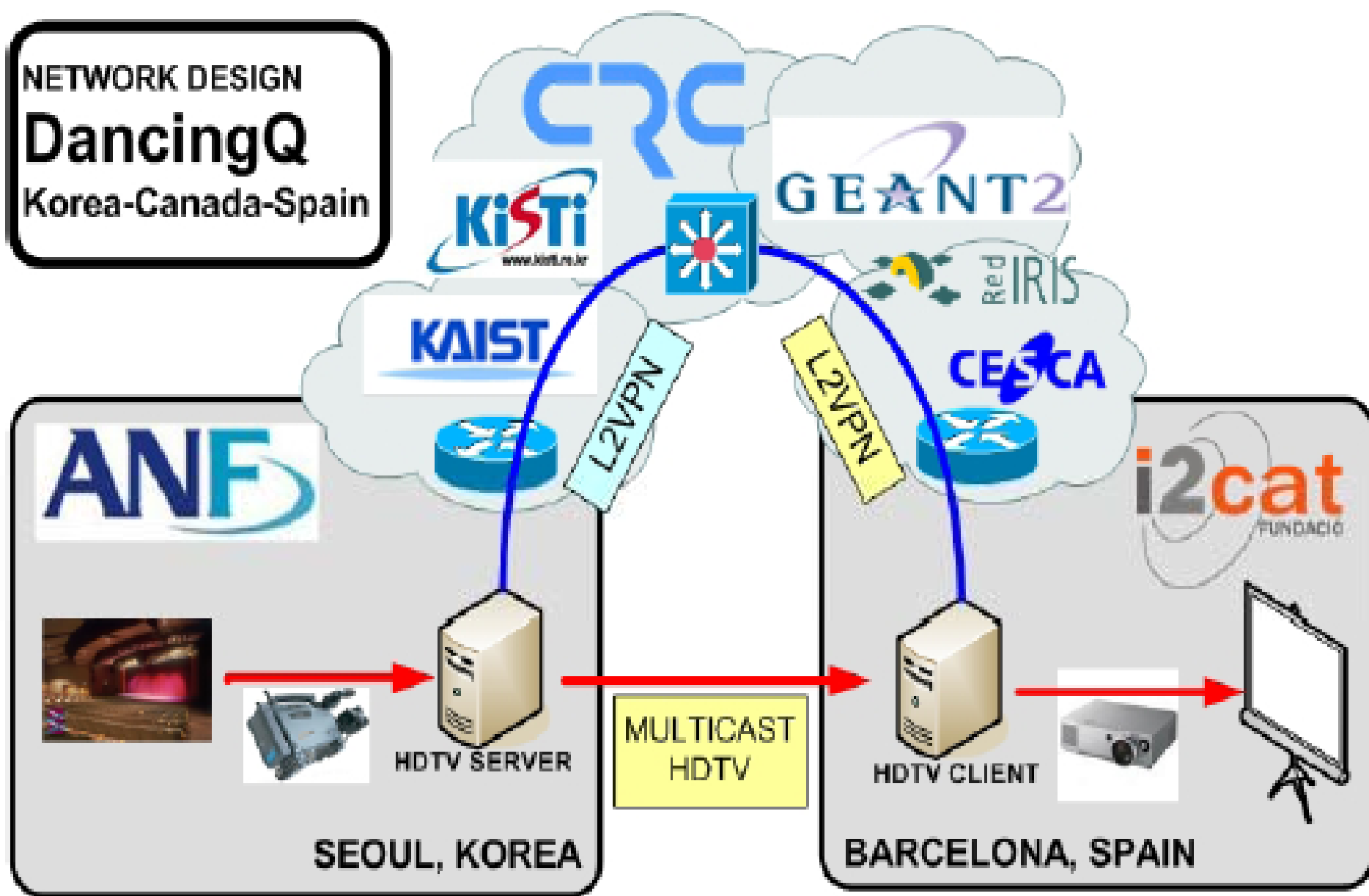Host: KAIST Institute for Entertainment Engineering in KAIST, Korea

| Time	Track
October 20th(Wed), 2010 Application Workshop on TEIN3 Network	
14:00~14:30	Registration
14:30~14:40	• **Greetings** Prof. Sungyong Shin (KAIST, Korea)
	Session 1: Performing Arts over Future Internet Session chair: Fco. Javier Iglesias (i2cat, Spain) - **TBC**
14:40~15:10	• Future Internet as a New Media Platform for Performing Arts Daeyoung Kim (CNU, Korea)
15:10~15:40	• EU-Asia Cultural Heritage Portal (CHIP) of Performing Arts: The Need for a Sustainable Future Faridah Noor Mohd Noor (Chair of APAN eCulture WG, Malaysia)
15:40~16:00	Coffee Break
	Special Session: Keynote Speech & Korean Music Performance Session chair: Daeyoung Kim (CNU, Korea)
16:00~16:50	• **TBD** Artur Serra (i2cat, Spain)
16:50~17:10	• Introduction to Korean Music Younga Jaegal (Paichai Univ., Korea)
17:10~17:40	• Reception Performance (Daejeon Yonjeong Institute, Korea) Pansori / Daegeum Sanjo / (Remote/Flamenco - **TBD**)
17:40~18:00	Break
18:00~20:00	Banquet

HD Dancing Q from Seoul to Mercat de les Flors in Barcelona. 2005

Global Cultural Ring:
Conecting Arts communities through Global Research Networks
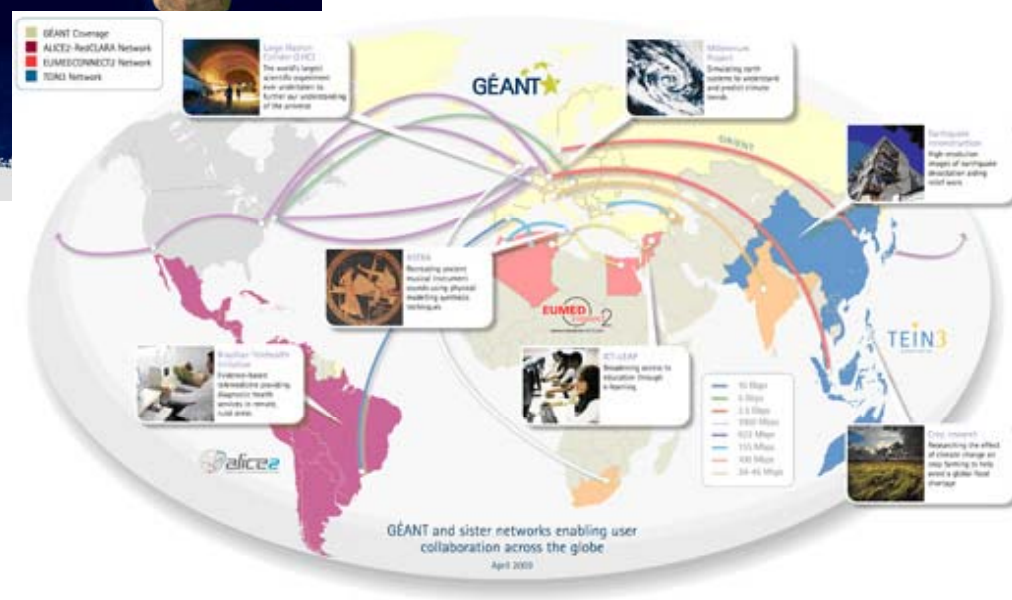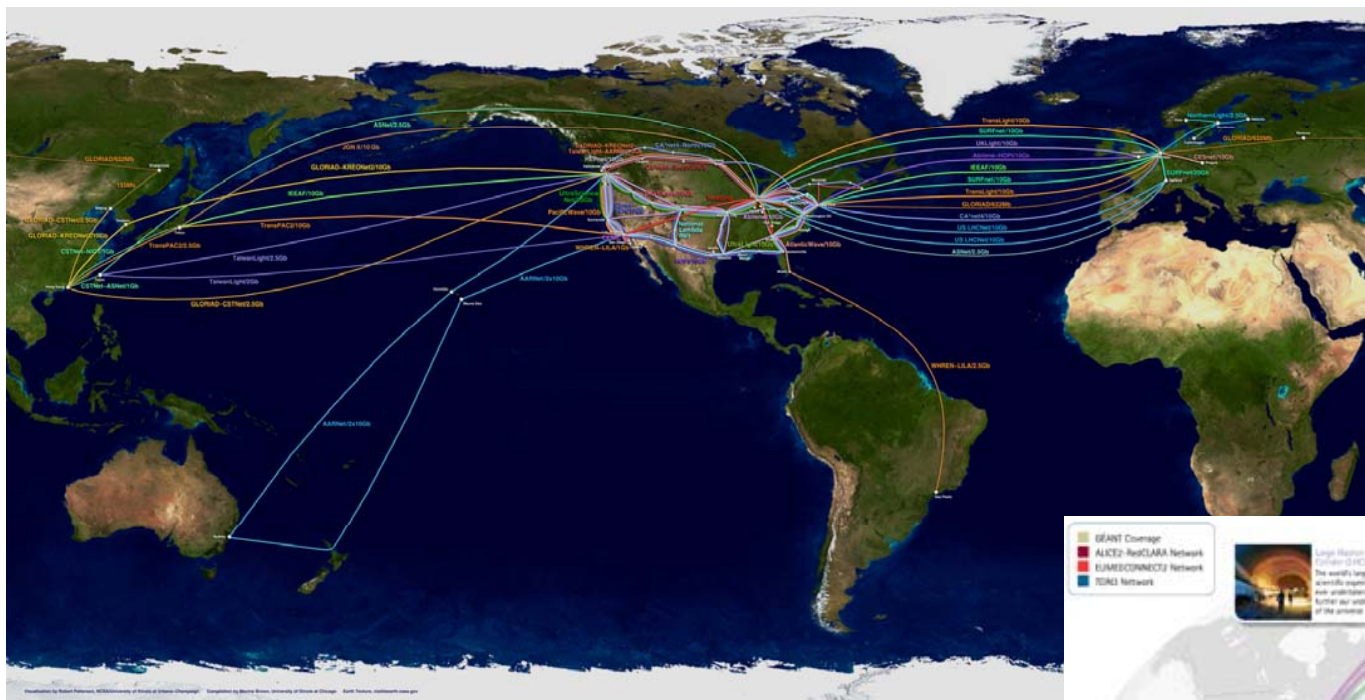
Concluding remarks

Three approaches to e-Arts and Media experiments: the university one, the technologist and the community-based.

None of them is perfect. They respond to different contexts and settings.

Blending arts, science and technology experiments with our communities may be is the future of Internet as a knowledge network.

HD Gaudi, 2002

First compressed HD live transmissió between Europa-USA
over Internet at 270 mbps by i2CAT-Research Channel

View or Sign Guestbook

Michael Wellings
April 29, 1951 - August 28, 2008

Birthplace: Cirencester, England
Resided In: Kirkland WA USA
Service: September 05, 2008   More Info/ Directions

Michael Wellings, age 57, of Kirkland, Washington was diagnosed early this summer with a rare form of pancreatic cancer. He went into the hospital on the 2nd of July for an overnight procedure, which became a two month stay that saw him move from the operating room to a hospital room, to the ICU, and finally on Thursday August 28th, to join his father in the great beyond.

Thank youuuuu :-)
Artur Serra,
i2cat,

artur.serra@i2cat.net