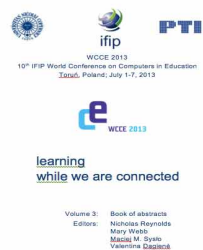


Celebrations of the 50th anniversary of the IFIP TC3

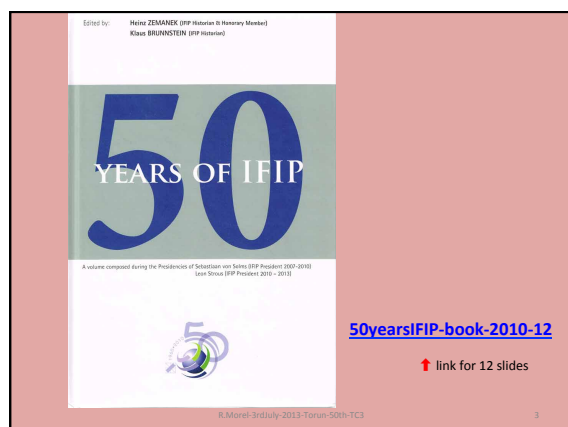
Smart and extensive contribution to explicit the network of competences and awareness during 50 years of radiant and anticipative activities from a community of experts collaborating with plenty of bodies and not restricted to WCCE (World Conference on Computer in Education)

Presentation by Raymond Morel, Swiss TC3 reps and TC3 Special consultant, on the 3rd of July 2013 at Torun WCCE'2013.

HOW we get there ?



Torun 2013
R.Morel-3rdJuly-2013-Torun-50th-TC3 through a « short » selection among a high quantity of TC3 documents and books
[List of books edited by TC3 only](#)



[50yearsIFIP-book-2010-12](#)

↑ link for 12 slides

Computers and Education – A Landscape

Deryn Watson

Emeritus Professor of Information Technologies and Education
Department of Education and Professional Studies
King's College London
London SE1 9NN, UK
deryn.watson@kcl.ac.uk

Abstract. This history of Technical Committee 3 is an exploration of the shifting landscape of the relationship between computers and education. Analysis focuses on its characteristics of context, structure, themes and society, and uses four time periods to frame the landscape of innovation and change. These characteristics have acted as a bedrock for scientific debates to flourish and attract the engagement of the significant stakeholders of practitioners, researchers and decision-makers.

Keywords: Stakeholders, Research, Professional development, Communities of practice.

<http://www.ict-21.ch/com-ict/IMG/pdf/TC3-Pages-IFIP50book-2011-2.pdf>

tendances actuelles de la recherche scientifique

par Pierre Auger, consultant spécial



In 1961 along this 260 pages document, no vision from these collection of famous international experts and Institutions.

Not a single word on computers, Informatics (computer science), ..

A really weak foresight !

In complete opposition with 1960 IFIP missions still valid today !

See also « The Goodenough Report on IFIP's Strategy »
version: 18 July 2006

[AUGER-12](#)

↑ link for 12 slides

TENDANCES ACTUELLES DE LA RECHERCHE SCIENTIFIQUE

ÉTUDE SUR LES TENDANCES PRINCIPALES DE LA RECHERCHE DANS LE DOMAINE DES SCIENCES EXACTES ET NATURELLES, LA DIFFUSION DES CONNAISSANCES SCIENTIFIQUES ET LEUR APPLICATION A DES FINS PACIFIQUES

par
Pierre AUGER
consultant spécial



R.Morel-3rdJuly-2013-Torun-50th-TC3

The screenshot shows the homepage of the ICME 2 website. At the top, there is a header with the text "ICME 2 in 1972 at Exeter (UK)" and a paragraph about the first International Congress on Mathematical Education (ICME) being held in Lyon in 1969, followed by a second congress in Exeter in 1972, and a first joint workshop ICMI-IFIP. Below this is a navigation bar with tabs for "Home", "About us", "Timeline", "Publications", "Digital Library", "Activities", and "Links". A search bar is located on the left side of the navigation bar. The main content area is divided into two columns. The left column is a sidebar menu with links to "Digital Library", "Introduction", "ICMI Bulletin", "ICME Proceedings", "ICMI Study Volumes", "ICMI Study Collections", "ICME Document", "Declarations", "ICMI Regional", "Committees", and "ACU Conferences". The right column contains text about the digital versions of the ICME congress proceedings, mentioning the ICMI community and the Cambridge University Press website. It also lists the "Proceedings of ICME-2 held in 1972 in Exeter (UK)" and provides contact information for the publisher, Cambridge University Press, including the year 1973, the publication date of September 2011, and the ISBN 9781107010206. The URL "http://www.icmt-21.ch/cm-ict/IMG/pdf/ICMI_01_10_1972.pdf" is visible in the address bar at the bottom of the browser window.

ICME 2 in 1972 at Exeter (UK)

The first International Congress on Mathematical Education (ICME) was held in Lyon in 1969. The second congress was in Exeter in 1972, and after that it has been held every four years. At Exeter, during the congress, was held a first joint workshop ICMI-IFIP.

Home About us Timeline Publications Digital Library Activities Links

Search

Digital Library

Introduction

ICMI Bulletin

ICME Proceedings

ICMI Study Volumes

ICMI Study Collections

ICME Document

Declarations

ICMI Regional

Committees

ACU Conferences

ICMI+2000+ICMI+ICMI+2000+ICMI

Here will be links to the complete digital versions of the Proceedings of ICME congresses. For the moment the ones available are:

Proceedings of ICME-2 held in 1972 in Exeter (UK)

The ICMI community can download the PDF versions for free from the Cambridge University Press website. ICMI Member Cambridge University Press for his service to the community.

Developments in Mathematical Education

Proceedings of the Second International Congress on Mathematical Education

Edited by A. G. Howson University of Southampton

Publisher: Cambridge University Press

Print Publication Year: 1973

Online Publication Date: September 2011


Online ISBN: 9781107010206

Hardback ISBN: 9780521217892

Paperback ISBN: 9780521005838

http://www.icmt-21.ch/cm-ict/IMG/pdf/ICMI_01_10_1972.pdf

13



The Origins of Digital Computers
Selected Papers
 Edited by Brian Randell
 Springer-Verlag Berlin · Heidelberg · New York

Where are the big ideas in 1973 ?

[randell-origine-digital-computers-1973-Madas-17](#)

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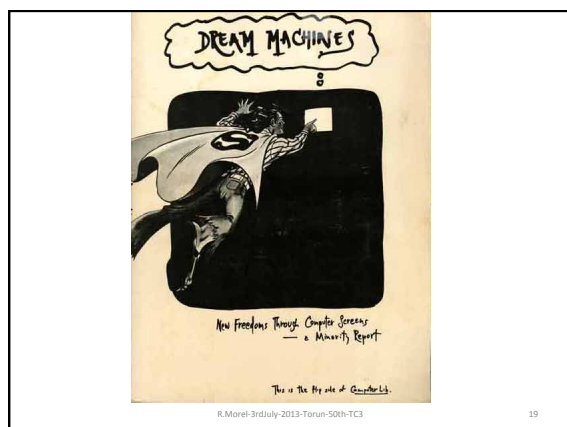
You can and must understand computers NOW.

COMPUTER

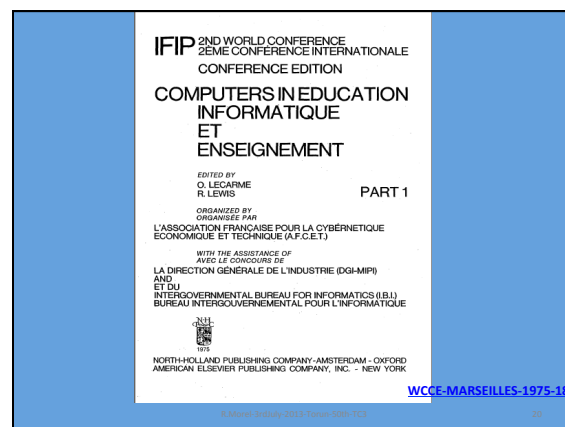
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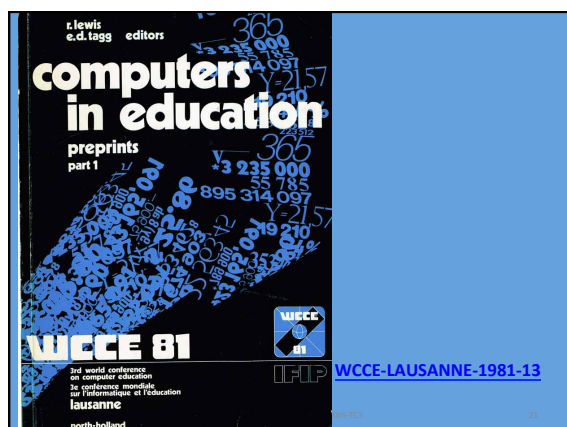
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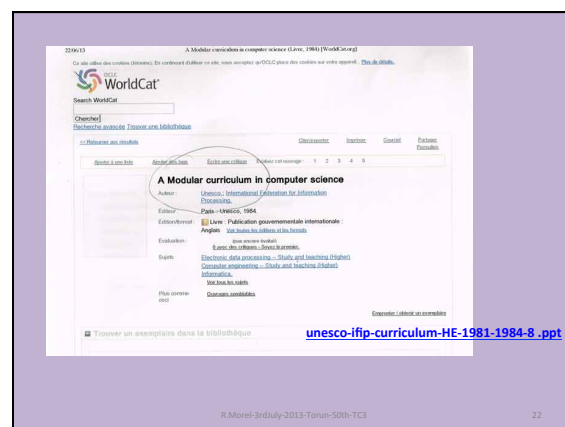
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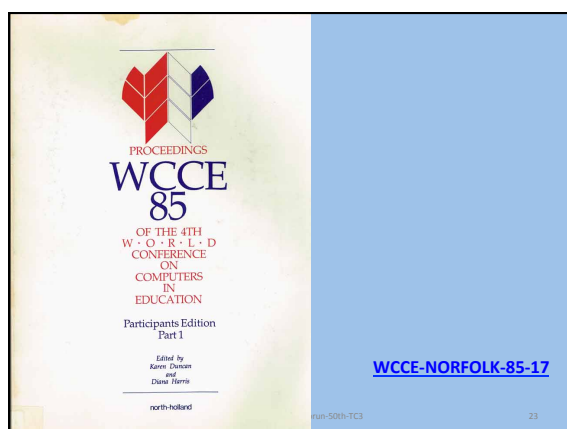
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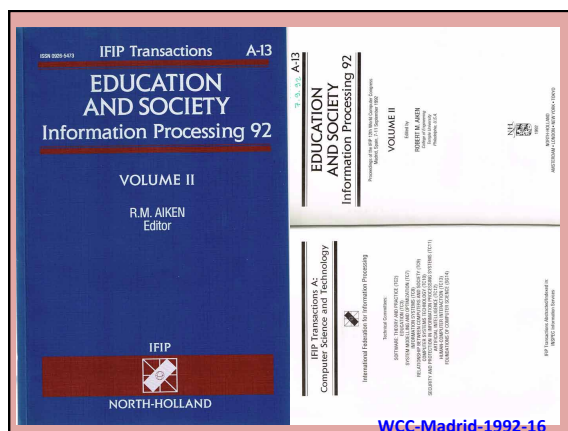
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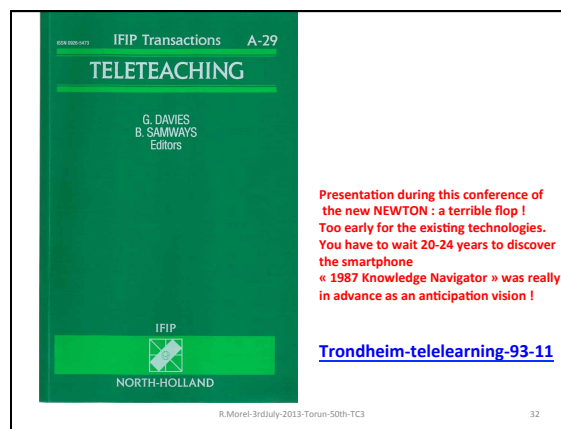
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WCC-Madrid-1992-16

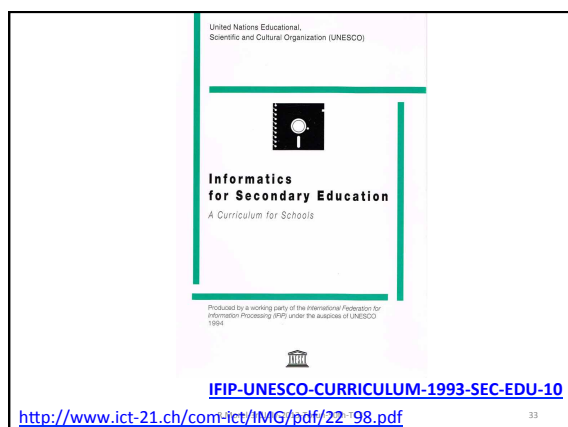


Presentation during this conference of
the new NEWTON : a terrible flop !
Too early for the existing technologies.
You have to wait 20-24 years to discover
the smartphone
« 1987 Knowledge Navigator » was really
in advance as an anticipation vision !

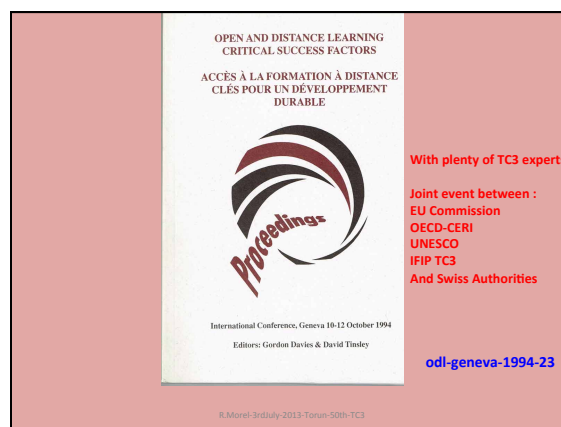
[Trondheim-telelearning-93-11](#)

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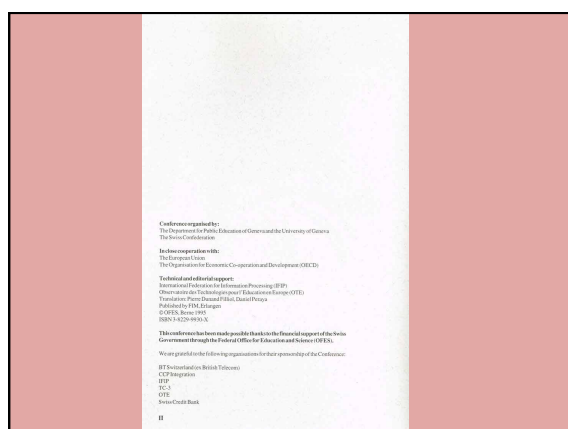
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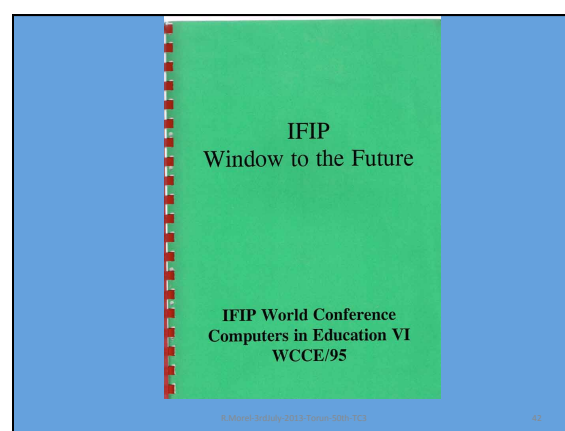
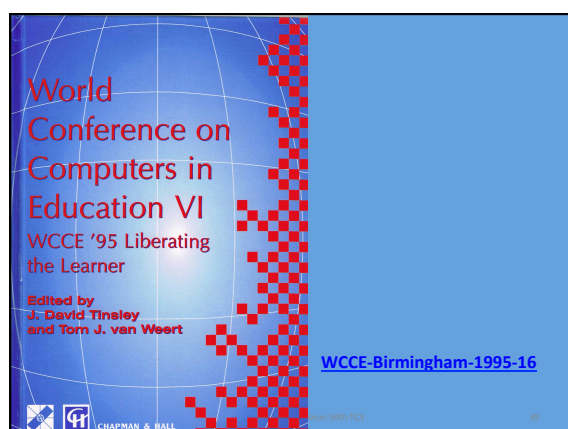
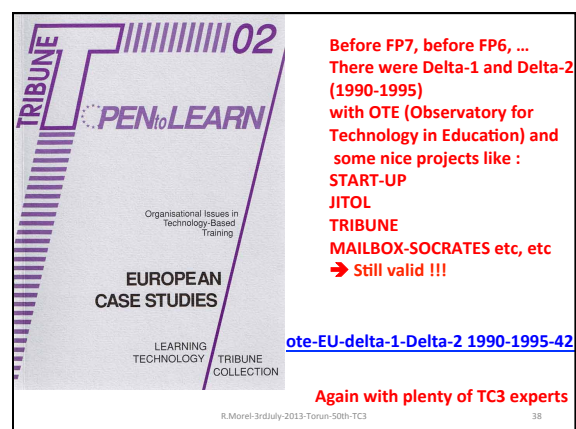
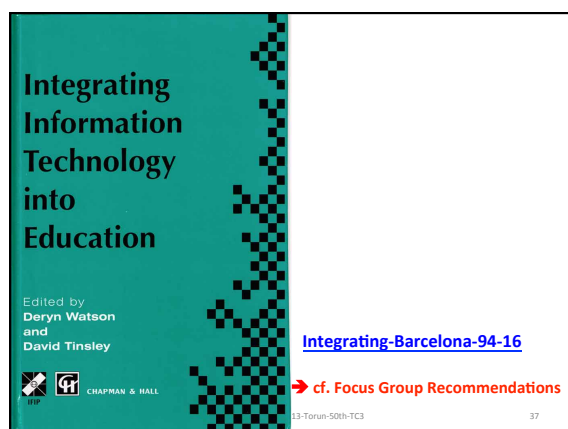
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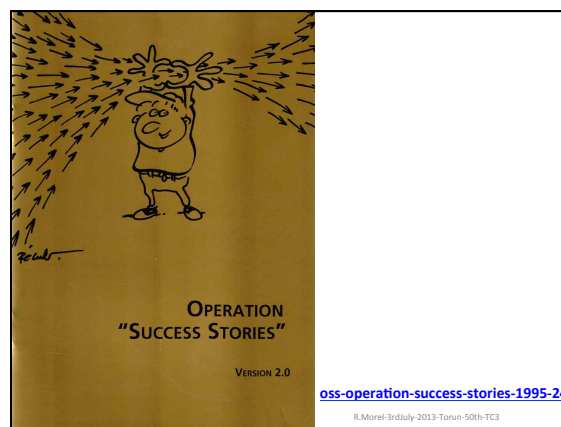
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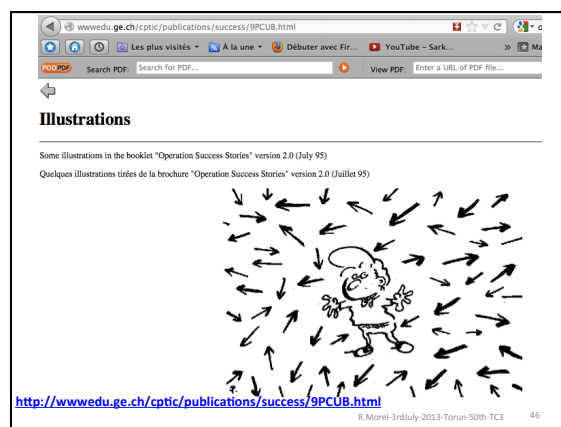
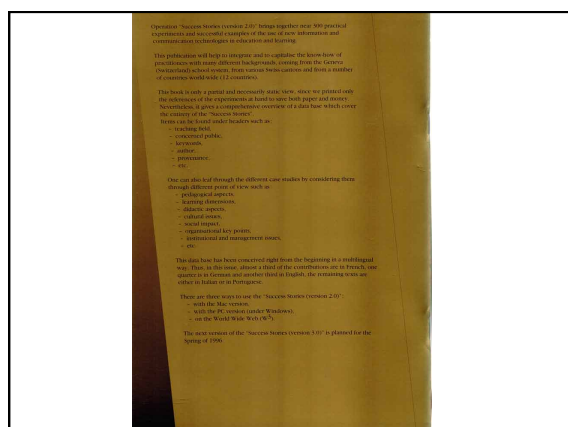


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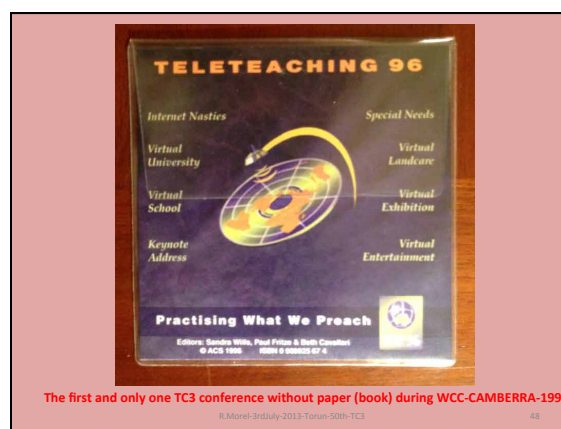
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The first and only one TC3 conference without paper (book) during WCC-CAMBERRA-1996

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CREATIVITY AND THE COMPUTER EDUCATION INDUSTRY
DALE SPENDER
September 6th 1996
International Federation for Information processing

INTRODUCTION

The biggest business of the future - according to Sir David Puttnam and a few other gurus - will be the education industry. As we move into the information age and as the lines blur between teaching/learning, and work, and education and the media, the education industry will provide infinite possibilities for creative people from across the board. (Writers, artists, sound people, film makers, media researchers, graphics geniuses, animators -- and computer professionals.)

Never before has education as an enterprise been able to amass such a dazzling array of talent. Never again will it be said that those who can't do anything else can go into teaching. Education is the industry of the future and where the hottest people will want to be. Which is an extraordinarily exciting prospect. It's a mind boggling hike in status for education.

For too long education as a discipline, as an industry, as an issue - has been marginalised. But, in its broadest sense, education is now becoming central to our economic and cultural future. Let us just keep in mind that it is an INFORMATION REVOLUTION we are currently experiencing, which is why we should expect to find education as one of the key areas.

And it is the new technologies that are launching education. Not only are they putting education into the global context; they are bringing together the traditional practitioners, and the computer and media industries. New partnerships are being forged; new and huge markets are being found. And this is why education is the industry that everyone will wish they had shares in.

<http://www.ict-21.ch/com-ic/WMG/pdf/spender-mike-en-page-full.pdf>


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Keynote for the stream « Education » during WCC-1996-CAMBERRA

Tele-learning

in a Digital World

The Future of Distance Learning



Betty Collis

[Betty-telelearning-96-15](#)

includes WebExtra™ content

0th-TC3 50

xx ■ LOOKING FORWARD

hyperlinked world: risks of jumping in rather than building-up, of telling one's message in a sound-bite rather than in a reflective analysis. Despite this risk, here are the predictions from Chapter 10.

PREDICTIONS ABOUT TECHNOLOGIES

PREDICTION 1: The Network Computer: An Ubiquitous Learning-Station

Advances in technology—distribution technologies, user-access platforms, and client-server architectures—will make it possible for tele-learners to use the same “learn-station” for both real-time and asynchronous interactions and for their choice of combinations of text, video, sound and graphics. This learn-station will be affordable and portable because it will primarily function as a client-server network computer, downloading temporarily what it needs locally but mainly working off network resources.

PREDICTION 2: CONTROLLED, AND WITH A PRICE TAG...

Just as the technology will give tele-learners the possibility of choosing from multiple types of representation forms, choosing among vast numbers of central sources, and choosing to make connections with any of a wider range of human contacts, so too will the technology be used to control access to these resources and to support a uniform way to make learners pay for this access.

PREDICTION 3: “WEBWARE” AS THE BREAKTHROUGH TECHNOLOGY FOR TELE-LEARNING

The World Wide Web and its various tools and access technologies (“Webware”) circa 1995 and their subsequent generations, are the breakthrough technologies for many forms of tele-learning—together forming the environment that can support and stimulate tele-learning for individual learners, in the teacher-led classroom, and in the course-at-a-distance.

A bit risky ..!

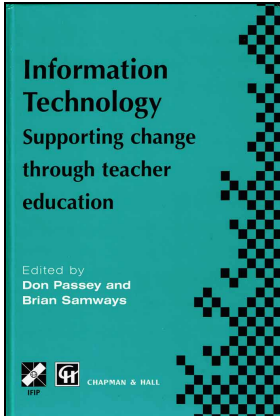
[Betty-telelearning-96-15](#)

C3 51

Information Technology

Supporting change through teacher education

Edited by Don Passey and Brian Samways



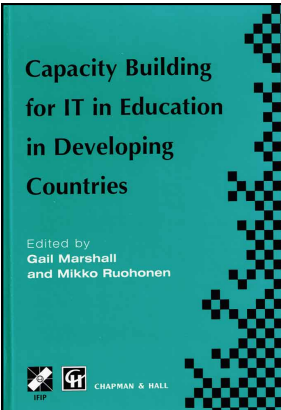
[Kiryat-Anavim-teacher-education-96-17](#)

→ cf. Focus Group Recommendations

013-Torun-50th-TC3 52

Capacity Building for IT in Education in Developing Countries

Edited by Gail Marshall and Mikko Ruohonen



[Harare-capacity-building-97-9](#)

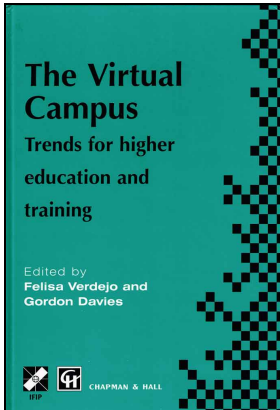
→ cf. Focus Group Recommendations

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The Virtual Campus

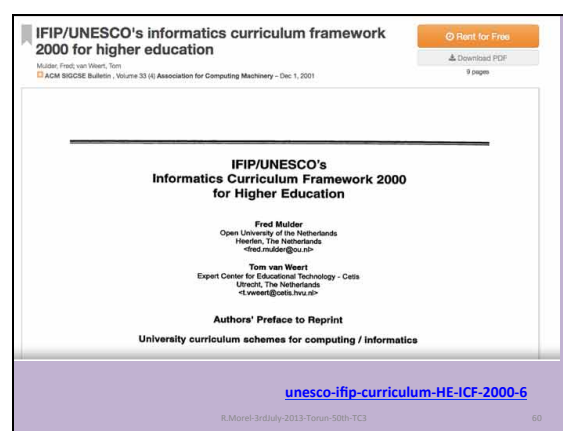
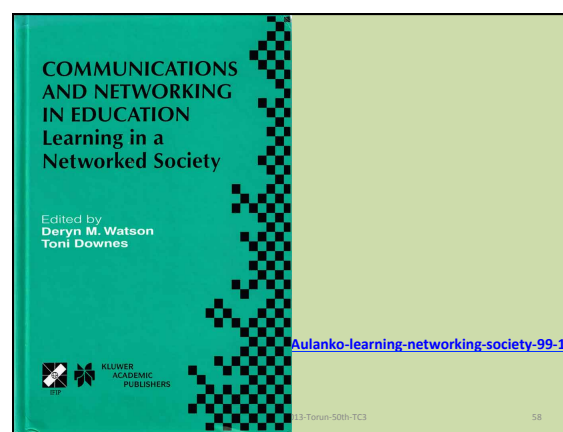
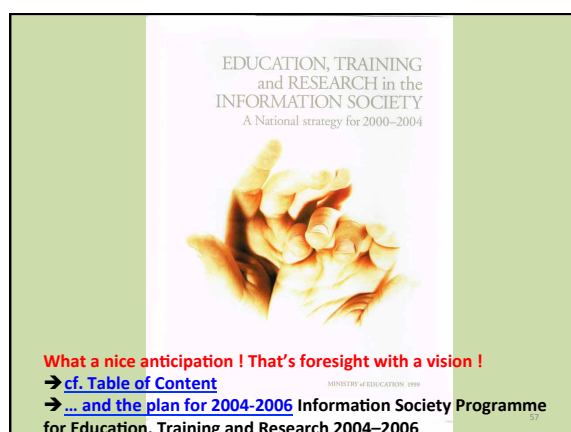
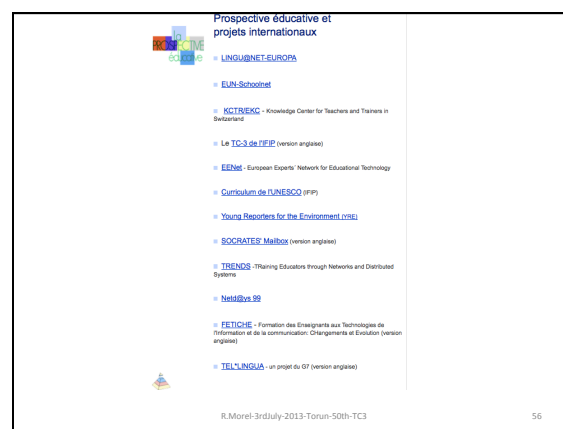
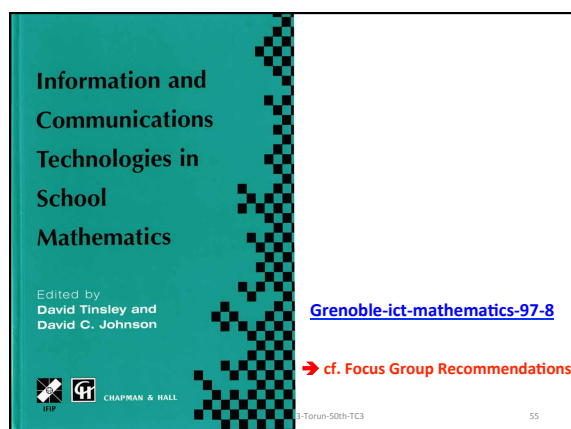
Trends for higher education and training

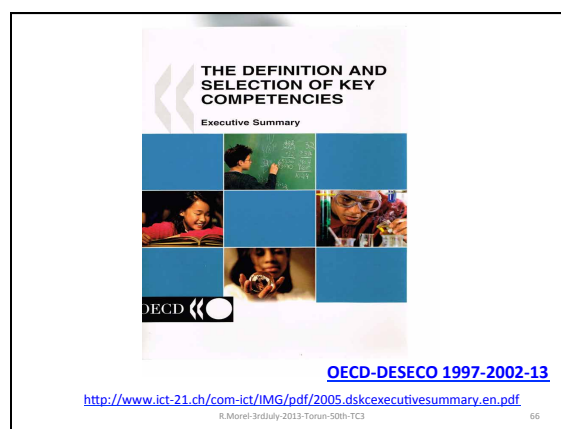
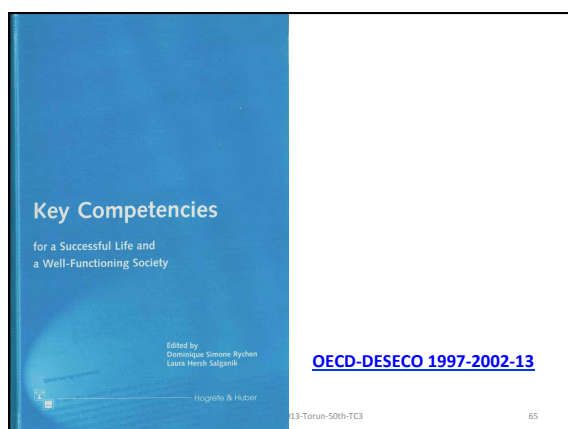
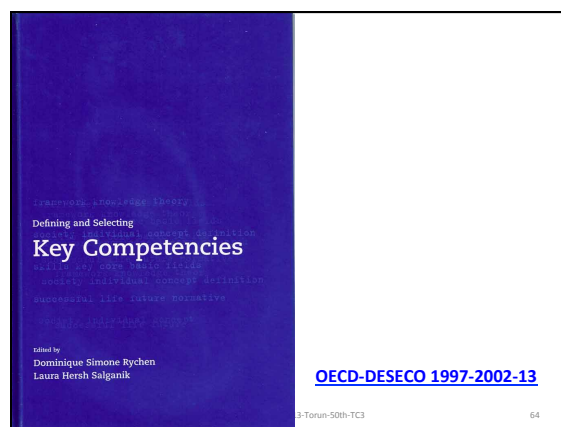
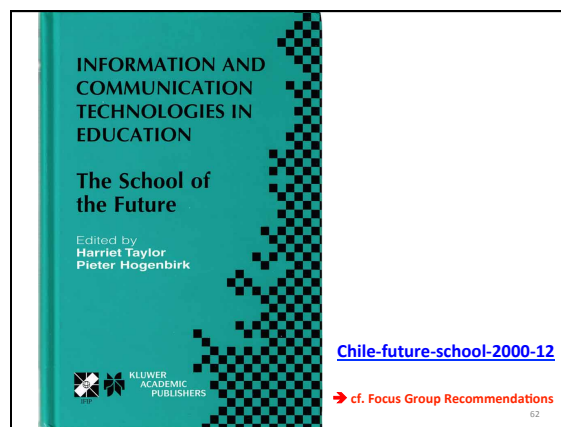
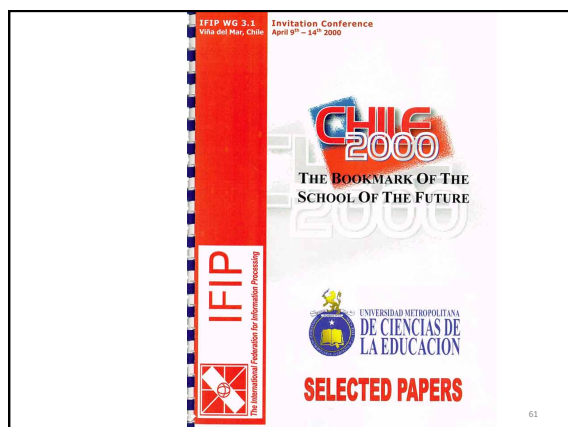
Edited by Felisa Verdejo and Gordon Davies

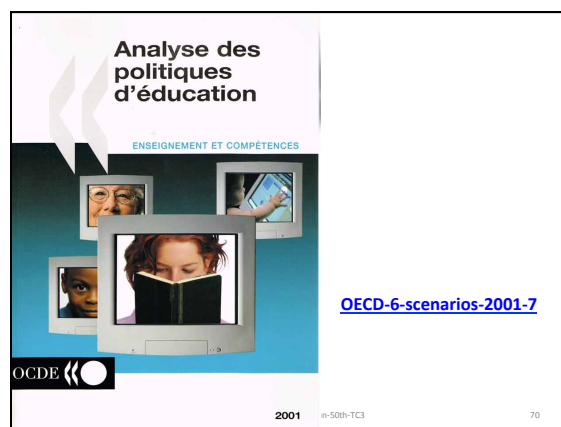
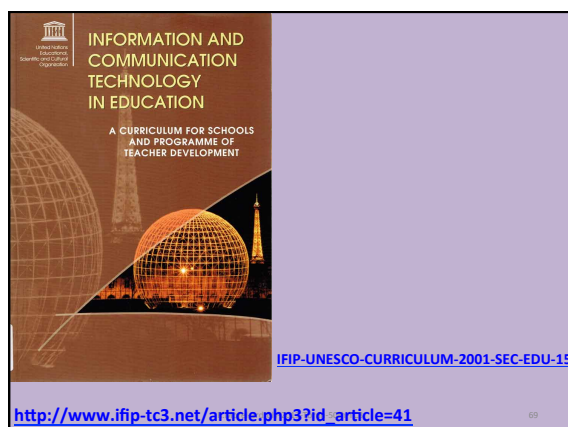
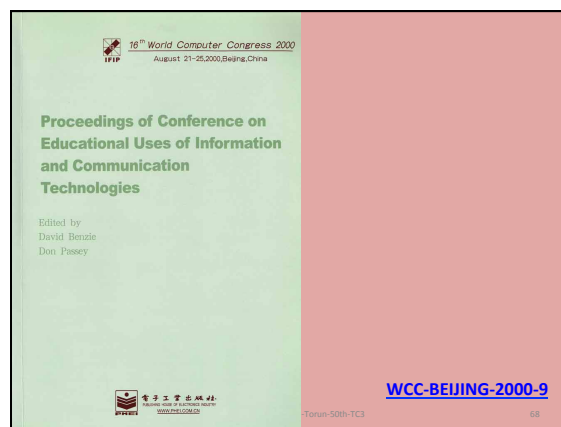
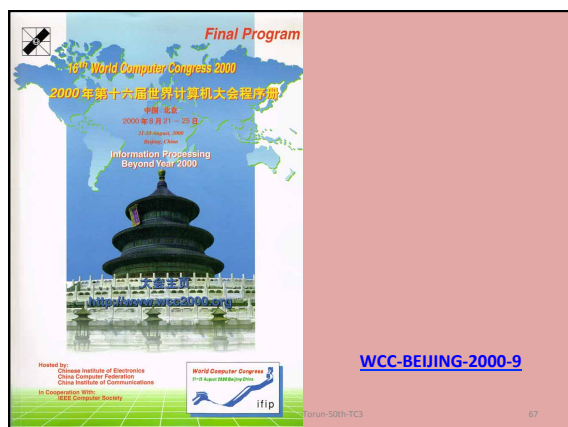


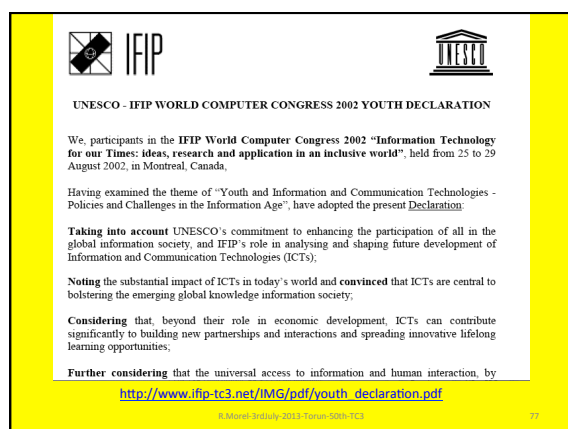
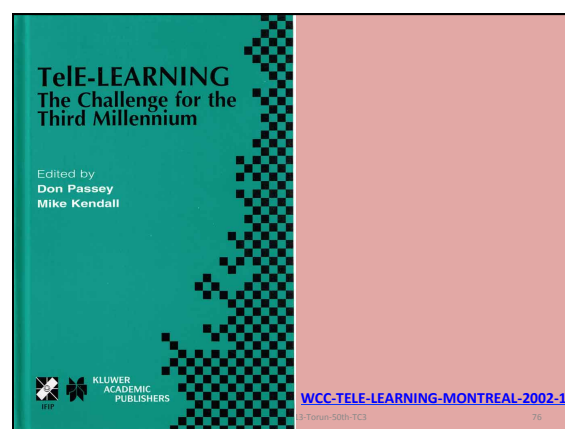
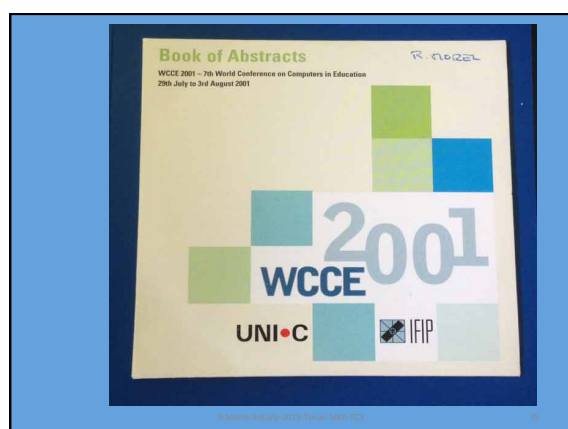
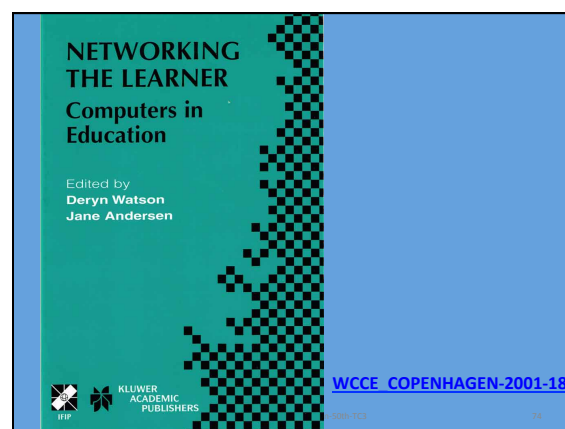
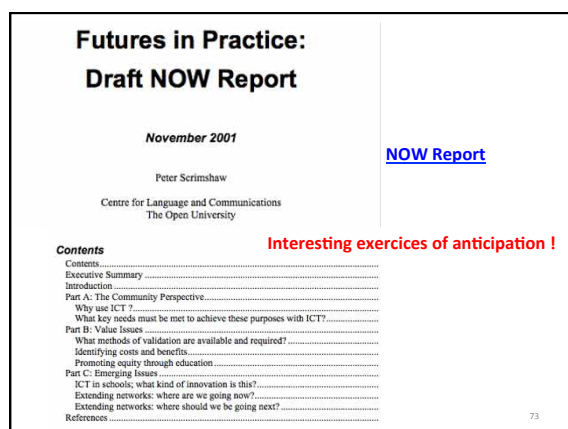
[virtual-campus-Madrid-97-6](#)

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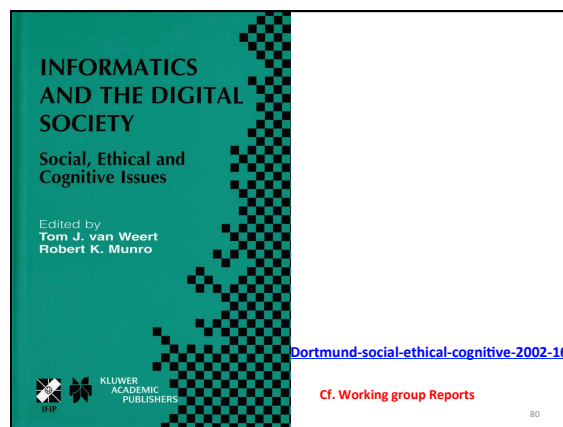






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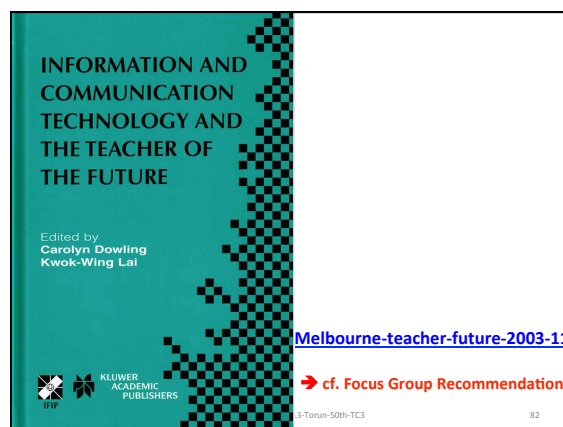
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[The full THINK Report](#)
October 2002

Interesting exercises of anticipation !

uly-2013-Torun-50th-TC3

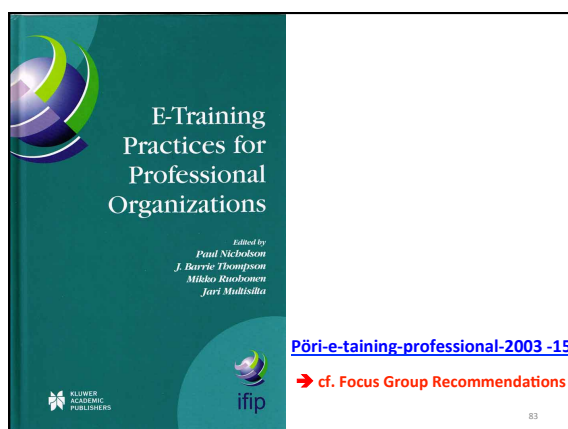
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cf. Focus Group Recommendations

2-Torun-50th-TC3

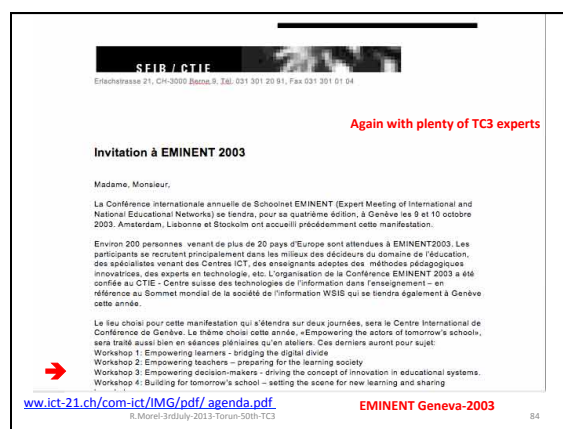
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Pöri-e-taining-professional-2003-15

cf. Focus Group Recommendations

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Again with plenty of TC3 experts


www.ict-21.ch/com-ict/IMG/pdf/agenda.pdf

R.Moré-3rdJuly-2013-Torun-50th-TC3

EMINENT Geneva-2003

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world summit on the information society
Geneva 2003 - Tunis 2005

home / français / english

The World Summit on the Information Society (WSIS) was held in two phases. The first phase took place in Geneva hosted by the Government of Switzerland from 18 to 12 December 2003, and the second phase took place in Tunis hosted by the Government of Tunisia, from 16 to 18 November 2005. [\[more on WSIS...\]](#)

WSIS OUTCOME DOCUMENTS

Individual documents in various languages and formats:

- Official Declaration of Principles
- Geneva Plan of Action
- Tunis Commitment
- Tunis Agenda for the Information Society

Booklet containing the four documents:

- All official texts
- PDF and hard formats

WSIS IMPLEMENTATION, FOLLOW-UP AND REVIEW PROCESS

- **WSIS+10 Review Process**
 - **WSIS Forum**
 - Forum 2013, 13-17 May
 - Draft Agenda
 - Register Here
 - Forum 2012
 - Outcome Document
 - Identifying Emerging Trends and a Vision Beyond 2015 Booklet
 - Forum 2011 Outcome Document
 - 2010 • 2009 • 2008 • 2007 • 2006
- **WSIS Implementation by Action Line**
- **WSIS Stocktaking**
- **WSIS Project Prizes 2013**

WSIS-2003-4

<http://www.itu.int/wsis/outcome/bookletindex.html>

R.Morel-3rdJuly-2013-Torun-50th-TC3

UNESCO EVENT

Towards Knowledge Societies
Geneva, Switzerland
14-15 November 2013

UNESCO EVENT

TITLE
Education and Knowledge Societies

TYPE
ROUND TABLE DISCUSSION

DATE
11 December 2003

TIME
9:30 - 13:00

PLACE
Geneva Palais des Nations, Conference Center, Room C

ORGANIZER
UNESCO Institute for Information Technologies in Education (ITE)

PARTNERS
Club of Rome (CoR)
International Federation for Information Processing (IFIP)
International Council for Open and Distance Education (ICDE)
International Association of Universities (IAU)
University of Mauritius, Virtual Centre for Innovative Learning Technologies (VILIT) and Learning Learning Cluster (LLC)
Food and Agriculture Organization of the United Nations (FAO)
NGO-UNESCO Liaison Committee

The event aims at attracting the attention of the Summit Stakeholders to the significance of education in the construction of knowledge societies and tasks of education in knowledge societies. Recent developments in the field of ICTs having a bearing on education for all, as well as cooperative efforts of UNESCO and NGOs building up education for and in knowledge societies will be reviewed.

The participants in the Round Table discussion (decision-makers and policy-makers in education, representatives of UN agencies and NGOs, educators, scientists and students) are invited to identify principles and recommendations, which can help the world community meet the challenges of knowledge societies.

The Round Table will be accessible in the Internet through streaming broadcast from the web site <http://wsis-roundtable-03.itu.int>

http://www.ict-21.ch/com-ict/IMG/pdf/WSIS_UNESCO-IITE-IFIP.pdf

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WITFOR 2003 White Book
Edited by Dipak Khakhar

IFIP World Information Technology Forum

hosted by organized by under auspices of strategic partner

WITFOR-VILNIUS-2003-8

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IFIP World Information Technology Forum

Vilnius Declaration

We, the participants from 68 countries at The First World Information Technology Forum (WITFOR), organized by IFIP under the auspices of UNESCO and hosted by the Government of Lithuania, gathered in Vilnius, Lithuania, 27-29 August 2003, address through the Forum the following major goals:

- Bridging the digital divide between rich and poor in the world; urban and rural societies; men and women; and different generations;
- Ensuring the freedom of expression enshrined in Article 19 of the universal Declaration of human rights and other such instruments;
- Reducing poverty through the use of education and Information and Communications Technology (ICT);
- Facilitating the social integration of excluded segments of societies;
- Respecting linguistic and cultural diversity;
- Fostering the creation of public domains with full respect of intellectual property rights;
- Supporting communities in fighting illiteracy;
- Encouraging e-governance and e-democracy initiatives;
- Improving the quality of life through effective health service systems;
- Protecting the local and global environment for future generations.

We, the participants,

http://www.ifip-tc3.net/IMG/pdf/witfor_vilnius_declaration.pdf

Engineering the Knowledge Society

<http://www.ict-21.ch/com-ict/IMG/pdf/EKS-Abstracts.pdf>

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SATW
Schweizerischer Akademischer Verband der Technischen Wissenschaften
Association suisse des universitaires des sciences techniques
Societas Academicorum Ingenierum et Technorum

IFIP

WFEU
World Federation of Engineering Universities

ICTSUISSE
Swiss Association of Communication Technology

Sun
microsystems

HASLERSTIFTUNG

SISR
Swiss Research Society for Information Systems


SVI FSI
Schweizerischer Verband der Informationswissenschaftler
Profession Suisse des Organismes d'Informatique
Professione Svizzera della Comunicazione d'Informatica
Societas Helvetica Scientiarum Informaticarum

SWITCH
The Swiss Education & Research Network


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introduction



World Federation of Engineering Organizations



world summit
on the information society
Geneva 2003 – Tunis 2005


« Engineering the Knowledge Society » (EKS)
« Information technology supporting human development »

Information Technology (or Information and Communication Technology) cannot be seen as a separate entity. Its application should support human development and this application has to be engineered. What has to be taken into account when engineering the Knowledge Society? The Conference will address: Lifelong Learning and education, e-inclusion, ethics and social impact, engineering profession, developing e-society economy and e-Society.

<http://www.ict-21.ch/com-ict/IMG/ppt/GA-EKS-03%20Summary-v3.ppt>

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Education and the Knowledge Society

Information Technology Supporting Human Development

Edited by
Toni J. van Weert

Kluwer Academic Publishers

IFIP event
Inside WSIS
(phase I 2003
In Geneva)

EKS FORUM 2003

ENGINEERING the KNOWLEDGE SOCIETY
«Information technology supporting human developments»

<http://www.ict-21.ch/com-ict/IMG/pdf/EducationAndKnowledgeSocietyDef>

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International Telecommunication Union

World Summit on the Information Society

Outcome Documents

Geneva 2003 – Tunis 2005

December 2005

Click on any heading below to go directly to that page

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<http://www.itu.int/wsis/outcome/vb/index.html>

WCCE 2005

8th IFIP WORLD CONFERENCE on COMPUTERS in EDUCATION

4 - 7 JULY 2005

STELLENBOSCH UNIVERSITY SOUTH AFRICA

INCORPORATING ICOOL 2005

www.wcce2005.org.za

WCCE-STELLENBOSCH-2005-30

R.Morel-3rdJuly-2013-Torun-50th-TC3

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Stellenbosch Declaration

July 2005

THE STELLENBOSCH DECLARATION
ICT IN EDUCATION: MAKE IT WORK

Preamble

This declaration is the result of the expert group of educators and specialists of ICT (Information and Communication Technologies) in Education, from six continents, who met and worked together in Stellenbosch, South Africa from 4th to 7th July 2005 at the IFIP 8th World Conference on Computers in Education (40 years of Computers in Education, What Works?) held by the IFIP Committee on Education (IFIP TC3).

We, the members of the group, hope that this Stellenbosch Declaration will improve the integration of ICT in Education as a resource for both better teaching and learning and as a preparation of citizens for the Knowledge Society. We address this to all stakeholders in ICT in Education: teachers, practitioners, researchers, academics, managers, decision-makers and policy-makers, in order to increase the access to Education for everyone around the World.

Information and Communication Technologies are changing the World. We are now in

http://www.ifip-tc3.net/article.php3?id_article=56

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http://www.ifip-tc3.net/article.php3?id_article=146

Sub-sections

- » AGORA in 2009
- » AGORA in 2008
- » AGORA in 2010
- » AGORA in 2007
- » AGORA in 2006

Article(s)

- » A dynamic Agenda for AGORA
le 1 March 2007
Lire l'article...
- » The IFIP Agora Initiative
le 24 August 2007
Lire l'article...

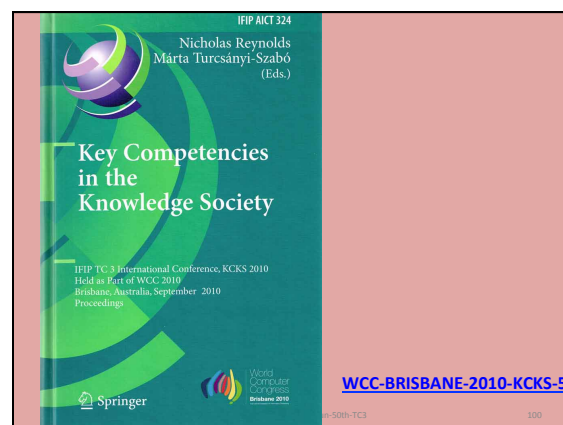
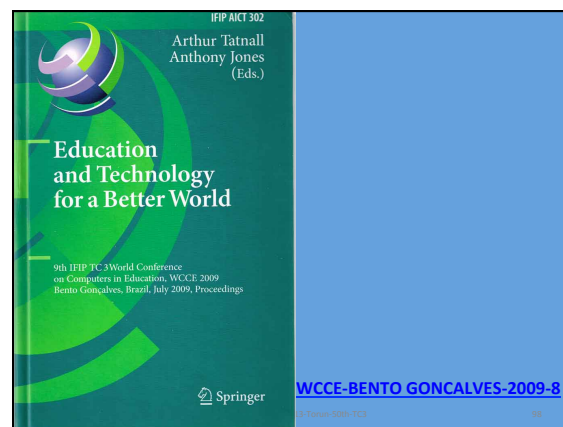
The IFIP Agora initiative

The IFIP Agora initiative is part of a process of revitalisation of the strategy of the International Federation for (...)

http://www.ifip-tc3.net/article.php3?id_article=146

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WSIS Forum 2013 Outcomes

- WSIS+10 Visioning Challenge Document**
 - WSIS+10 Visioning Challenge
- WSIS Forum 2013 Outcome Document**

The WSIS Forum 2013 was held from the 13-17 May 2013 at the ITU Headquarters in Geneva. This year the Forum attracted more than 1800 WSIS Stakeholders from more than 140 countries. Several high-level representatives of the wider WSIS Stakeholder community greeted the Forum with more than 60 ministers and deputies, several ambassadors, CEOs and Civil Society leaders contributing passionately towards the programme of the Forum. On-site participation increased tremendously during the WSIS Forum 2013. Several remote participants joined the forum through remote participation facilities.

 - Outcome Document
- WSIS Forum 2013: Statement on the WSIS+10 Visioning**
 - Statement on the WSIS+10 Visioning

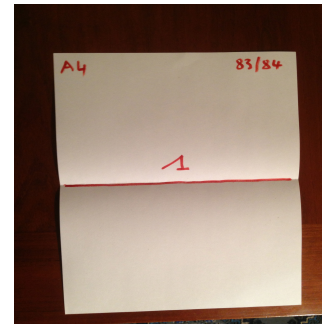
[View All Announcements]

WSIS Action Lines and Action Line Facilitators

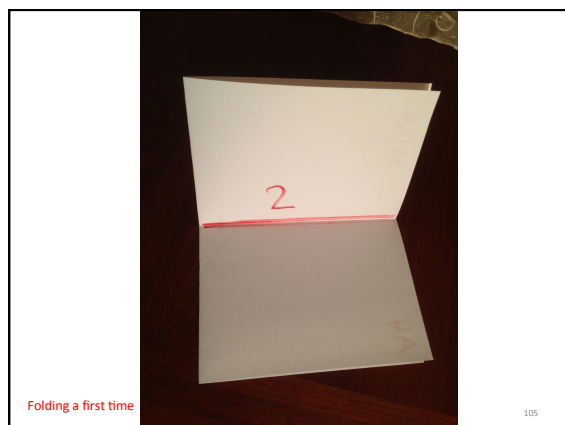
<http://www.itu.int/wsis/implementation/2013/forum/>

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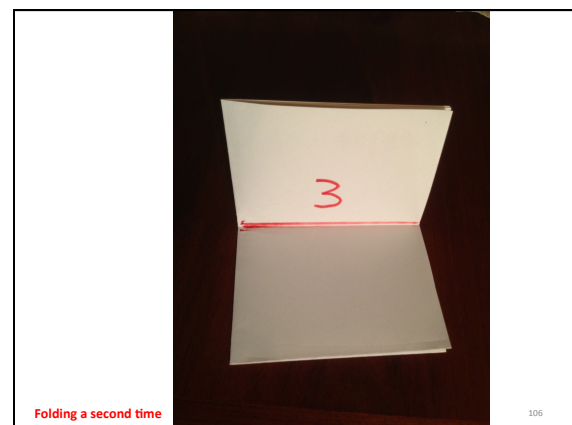
Jacques Hebestreit, a former TC3 Chair, had a vision already in 1983-1984 for the computer in 2010



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