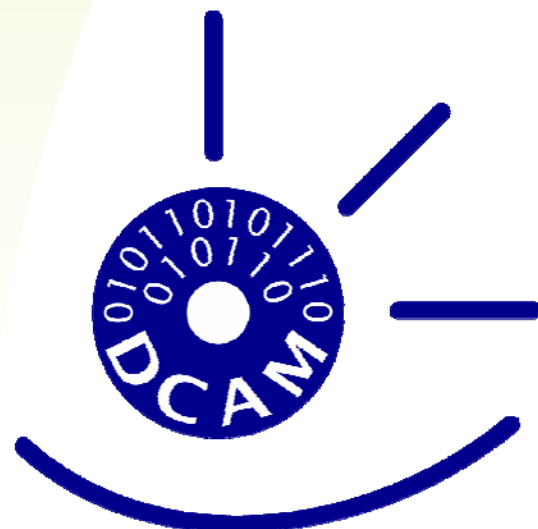


# ODL, classical teaching How can we assess digital resources?

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JM Dubois - Ph Isidori - eQuality final  
seminar - Szczecin

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# Assessing digital resources

- Learning technology standards
- Quality assurance in education
- Quality control of the resources

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# Standards

- There are many metadata standards more or less linked to one another
  - AICC
  - Ariadne
  - LOM
  - SCORM
  - DC and DC-education

# Standards

- The main goal of these standards is to maximise the ROI of learning resources
  - Reuse of resources
  - Interoperability between systems (LMS, contents)
- Is there a « one for all » teaching way risk?
  - No, because these are only for document management systems
- But there is a bigger risk : no pedagogy
  - Training = putting information together!

# Standards

- These are technical / computing standards
- Higher Education has its own habits, constraints and standards, that are requirements for HE

# Higher Education Standards

- LMD (3/5/8),
- ECTS,
- Specific continuing education constraints
- Interoperability with Higher Education management tools (in French universities: Apogée, Harpège, Nabucco)

# Assessing digital resources

- Learning technology standards
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# Quality Assurance

- There are French standards for education (1995-1998)
  - NF X50-755 *Élaboration de projets de formation*
  - NF X50-756 *Cahier des charges de la demande*
  - NF X50-760 *Informations relatives à l'offre*
  - NF X50-761 *Service et Prestation de service*
  
- ISO-9001 version 2000
  - Designed for services: can be used for quality assurance in education

# Quality Assurance

- In France: Comité National de l'Évaluation (National Committee for Evaluation)
  
- In Europe
  - European Network for Quality Assurance
  - Association Européenne de l'Université
  - European Quality Observatory

# Quality Assurance

- All these organisations are working on
  - how to evaluate Quality in H.E.
  - how to help H.E. institutions use quality process
  
- Their work will be usable in both classical systems and in eLearning ones.

# Assessing digital resources

## ■ Learning technology standards

- Too much oriented by a IT vision of education
- Not enough concern of H.E. standards

## ■ Quality assurance in education

- Not specific to elearning

## ■ Quality control of the resources

# eLearning vs. classical Higher Education

- **What is the real difference?**
- The use of digital resources is mandatory in eLearning
- The use of systems / tools is required in eLearning to the communication between teachers and learners

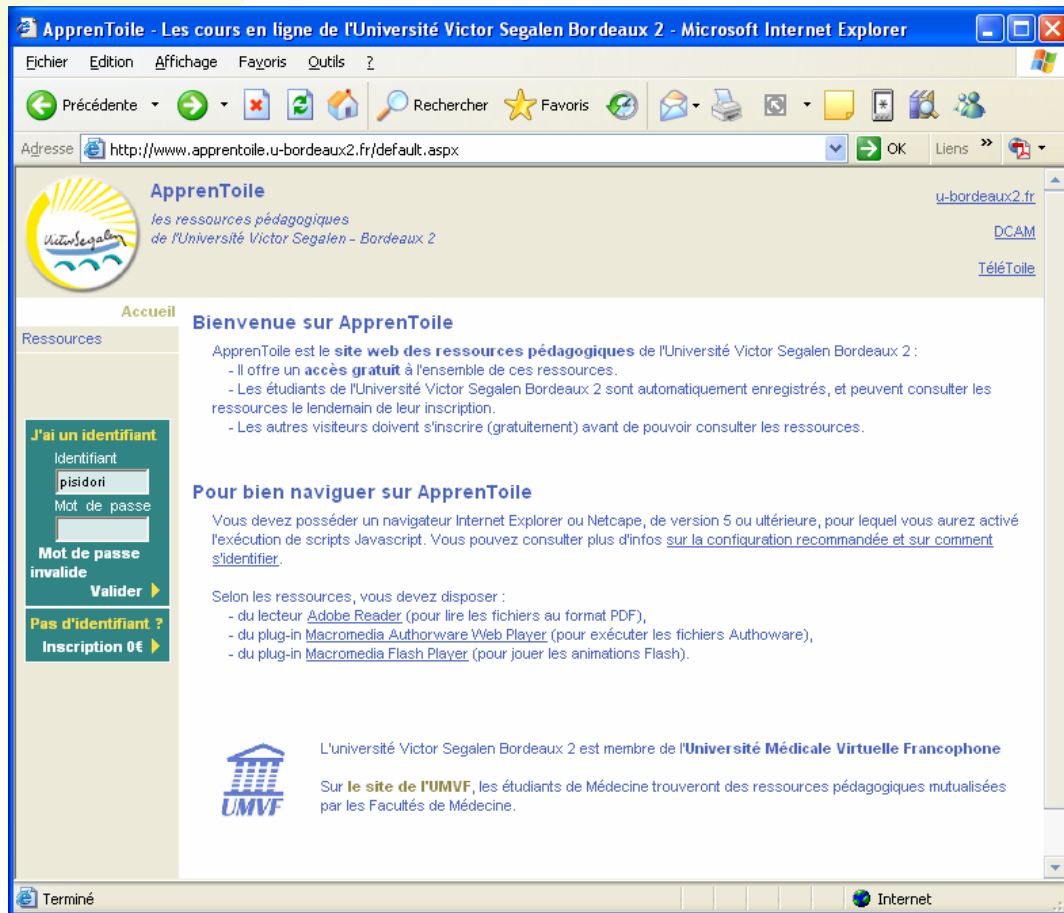
# Conclusion

- We claim a specific effort is to be made on
  - Support tools usability
  - Mediatisation and usability of educational contents
  - Another point is tutoring / mentoring, which exists in classical education but take a bigger place in eLearning

# Our Work

- Producing SAMI (système d'apprentissage multimédia interactif - interactive multimedia learning system)
- Working on evaluation tools
  - Clinical cases
  - Virtual tools, simulators
- Some of our SAMIs have won French awards

# Our Work



- ApprenToile educational resources repository of the university
  - No need of LOM description yet
  - Student data come from Apogée then from LDAP

# Our Work

Université Victor Segalen Bordeaux 2  
Jean-Marie Caillé et le Service Culturel Victor Segalen  
présentent

L'invité du Mercredi  
2004 / 2005

**La mort - regards croisés**

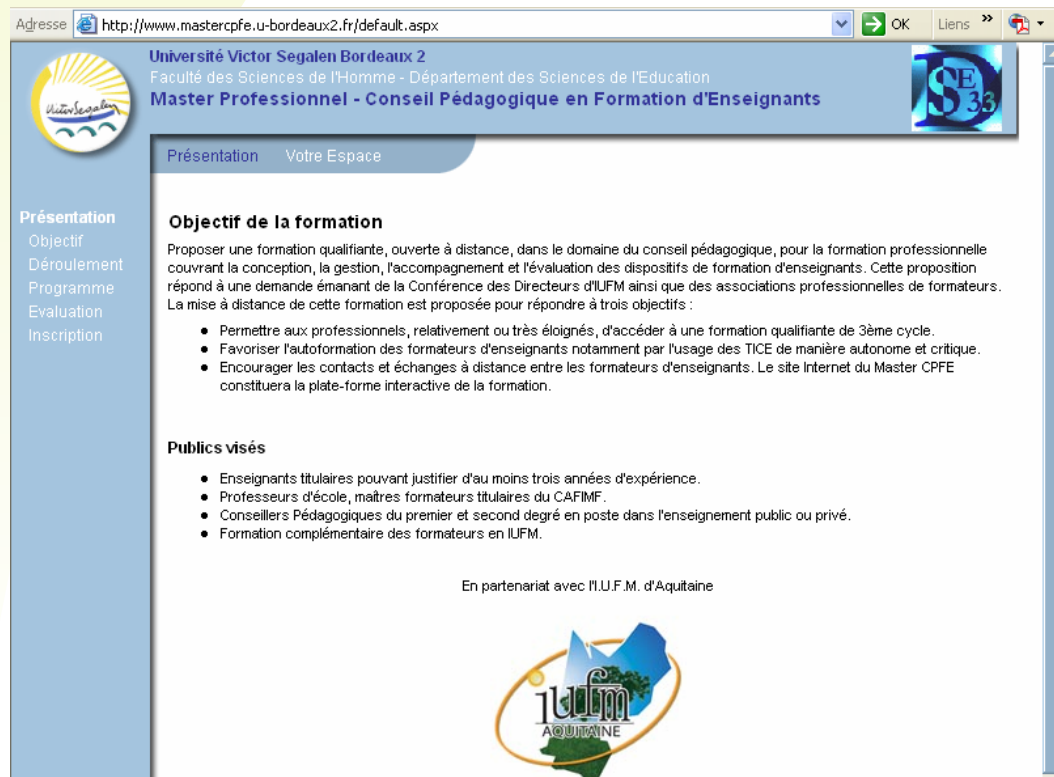
✦ Introduction ✦

✦ Gilbert Tiberghien	/ 6 octobre
✦ Jacques Battin	/ 17 novembre
✦ Sophie Dartoen-Chave	/ 8 décembre
✦ Xavier Pommereau	/ 12 janvier
✦ Pierre Christin	/ 2 février
✦ Jean-Claude Colffet	/ 2 mars
✦ Didier Sicard	/ 16 mars
✦ Patrice Cambronne	/ 6 avril
✦ Patrice Cambronne	/ 11 mai
✦ Isabelle Deputier	/ 18 mai



- TéléToile the WebTV of the university:
  - Conferences broadcasted in a richmedia form
  - Need to become LOM compliant in order to be linked to Canal-U

# Our Work



The screenshot shows a web browser window with the address bar containing the URL <http://www.mastercpfe.u-bordeaux2.fr/default.aspx>. The page header identifies the institution as Université Victor Segalen Bordeaux 2, Faculté des Sciences de l'Homme - Département des Sciences de l'Éducation, and the program as Master Professionnel - Conseil Pédagogique en Formation d'Enseignants. A navigation menu includes 'Présentation' and 'Votre Espace'. The main content area is titled 'Objectif de la formation' and describes a distance-based professional training program in pedagogical counseling. It lists three objectives: allowing professionals to access 3rd cycle training, favoring teacher self-formation through TICE, and encouraging contact between teachers. Below this, the 'Publics visés' section lists target groups: experienced teachers, school teachers, pedagogical advisors, and complementary training for teachers. A partnership with I.U.F.M. d'Aquitaine is noted, accompanied by its logo.

- Master CPFE
  - ODL Master in Educational Science
  - Richmedia resources
  - Other digital resources uploaded by teachers
  - ePortfolio

# Dem@tice



## Tempus

### ■ Développement de l'Enseignement Médical avec les TICE

(Developing medical education with ICT)

- European Tempus project n° JEP\_32040\_2004

### ■ Goals

- Renew the teaching content of the FMS, by introducing multimedia content
- Offer ODL continuing medical education

⇒ Quality evaluation of both modality