

A microscopic image of plant tissue, likely a cross-section of a stem or root, showing various cellular structures. The image is overlaid with the text "e-Learning & Collaboration Tools".

**e-Learning
& Collaboration Tools**

e-learning & collaboration tools

Objectives

- To conduct research in the area of e-learning in different environments.
- To promote and disseminate the use of ICT applied to learning processes.
- To promote of the integration of educational institutions in the Information Society.

e-Learning Technological Resources

- e-Learning on-line suite, asynchronous and collaborative (Aula CESGA).
- Audio and video streaming for training sessions.
- Professional videoconferencing equipment for training sessions and meetings in real time.
- e-Learning mailing list.
- On-line seminar tool (Webminar).
- Hardware for mobile learning and T-learning.
- Dynamic portal for e-learning information and management.

2008 Activity Highlights

- Collaboration in the planning, development, and evaluation of training activities for CESGA personnel and HPC users.
- Participation in the e-learning work group of the INES platform (Spanish Software and Services Technological Platform).
- Collaboration on the web page of the European Union: elearningeuropa.info

- Participation in the regional e-learning work group, PTAG (Galician Technological Platform of the Audiovisual Sector).
- Participation in the high-level work group concerning ethics and ICT, organised by the European Commission.
- Members of the Thematic Network of Learning Objects (REDAOPA) along with 18 other national institutions and universities.
- Collaboration with the Regional Ministry of Education on training activities for teachers such as the production of various e-learning courses concerning data bases for Didactic Mathematics (MATHDI-, MathEdu) and Open Office and its didactic use. Consulting activities in the field of new technologies applied to teaching and learning for teacher training in training centres, Galician universities, and primary and secondary education centres.
- Publication of 2 books and 7 articles in scientific journals. Participation in the organising committee of the EDUTEC'08 conference. Members of the scientific committee of the V Interdisciplinary Symposium on Design and Evaluation of Reusable Educational Contents (SPEDECE 08). Presentations at 10 conferences in the ICT and Education sectors.
- Analysis and implementation of an open source, on-line tool that permits virtual meetings and virtual seminars and is offered as a service to researchers.
- Design and development of a new Intranet for the area of e-learning.
- Participation in 9 e-learning projects during 2008, listed below.



E-Intervención: Analysis and impact of ICT utilisation in the attention to disabled persons and their families including quality of life and self-management. This is a project financed by the Director General for RTD&I of the Government of Galicia.

SUMA: The integration of e-learning services by means of standards. This concerns a national project financed by the Plan Avanza in collaboration with other private and public institutions.

E-Hospital: The evaluation of the use of e-learning with adult hospitalised patients is a project financed by the European Commission within the frame of the Socrates/Grundtvig I Program.

Efelcren: Flexible and Creative Educational Environments, EFELCREN, is a project financed by the European Commission within the frame of the Socrates / Comenius 2.1 Program.

Parents: e-learning training for parents as professional and vocational advisors of their children. Parents is a program financed by the European Commission.

Yes: e-learning training to support youth employment in SME. YES is a project financed by the European Commission.

ICTeacher: ICT skills for teachers. ICTeacher is a project financed by the European Commission within the frame of the Lifelong Learning program.

T-Maestro: An intelligent tutor that provides personalised training contents for television learning experiences (T-learning). This is a project financed by the Director General for RTD&I of the Government of Galicia.

E-Procura:

e-Procura is a system that permits searches for personalised courses using semantic technologies and is financed by the Director General for RTD&I of the Government of Galicia.



Aula CESGA Courses - 2008

Aula CESGA is a course management system based on the free/libre software platform, Dokeos. Aula CESGA addresses the needs of researchers and teachers in the Galician education system. It is a key tool for the promotion of innovation and research in the field of e-learning and ICT.

Summarised below is the activity in the Aula CESGA platform in the period 2004-2008.

TRAINING COURSES AND COLLABORATIVE PLATFORMS IN AULA-CESGA

	2004	2005	2006	2008
Number of Courses	108	162	235	461
Number of Users	1583	2533	4378	6748

