DEVELOPMENT OF AN ETD LIBRARY AT THE INSTITUTO BALSEIRO

Alejandra González, María Grisel Velazco Aldao
e-mail: ale Gonzalez@cab.cnea.gov.ar

Biblioteca Leo Falicov
Centro Atómico Bariloche e Instituto Balseiro
Comisión Nacional de Energía Atómica, Universidad Nacional de Cuyo
Argentina

The ETD digital library was launched in October 2005. It was implemented using TEDE software. To date we have 54 records of graduate research work in science and technology. Searchable in English and Spanish:
http://biblio2.cnea.gov.ar/tede/

Instituto Balseiro General Information

Graduate:
- Licentiate in Physics
- Nuclear Engineering
- Mechanical Engineering

Postgraduate:
- Diploma in Nuclear Energy Technological Applications
- Physics Science Master
- Medical Physics Master
- Physics Ph.D.
- Engineering Science Ph.D.

Human resources involved in the project

- One librarian
- One computer scientist

The present situation of ETDs in Argentina

There are 5 ongoing pilot efforts.
No decision has been taken regarding a national ETD repository.
Instituto Balseiro is in the process of making its ETD collection OAI accessible.

What is TEDE?

It is a Digital Library software developed by the Brazilian Science and Technology Institute.

Why did we decide on TEDE

- Open Source
- Budget
- Developed using PHP and MySQL
- Developed using Cascading Style Sheets (CSS)
- conforms to Dublin Core Metadata format
- OAIS/PMR under development

Local adaptation of software

- Translation of interfaces
- Translation of the database, which includes subject areas, graduate programs and degrees
- Inclusion of graduate programs

Available data for each ETD

- OAI-DC Metadata
- MTS2-DC Metadata (Brazilian metadata format with modifications to meet Argentine academic requirements)
- Metadata can be saved, but content cannot be printed or copied
- Bilingual (English/Spanish) Metadata

Available interfaces

- Library: (This library is accessible. Simple and Advanced searches are available. Administrative screen layout, user information and permanent data common to all ETD)
- Searchable: (This search is accessible. Simple and Advanced searches are available. Administrative screen layout, user information and permanent data common to all ETD)

Student distribution at Instituto Balseiro:

Ph.D. 29%
Graduate 47%
Diploma 4%
Master 20%

Percentage of ETDs uploaded from each degree program:

Ph.D. Thesis 48%
Diploma Dissertations 25%
Master Thesis 17%
Diploma Thesis 6%