WHAT IS ETSF-I3?

European Theoretical Spectroscopy Facility

It is an e-infrastructure project funded by the European Community.
Its objective is **to broaden accessibility of modern first principles theories and calculations**. Three main activities:

CAPACITIES

1. To put together our efforts in order to:

- look forward improvements through monitoring and control of ETSF activities
- disseminate information about ETSF activities and establish efficient com- munication channels between users and ETSF personnel

2. To broaden access to ETSF services

3. To improve ETSF capacities by:

- developping theory and codes
- increasing portability and interoperability in scientific software development
- creating ETSF e-libraries

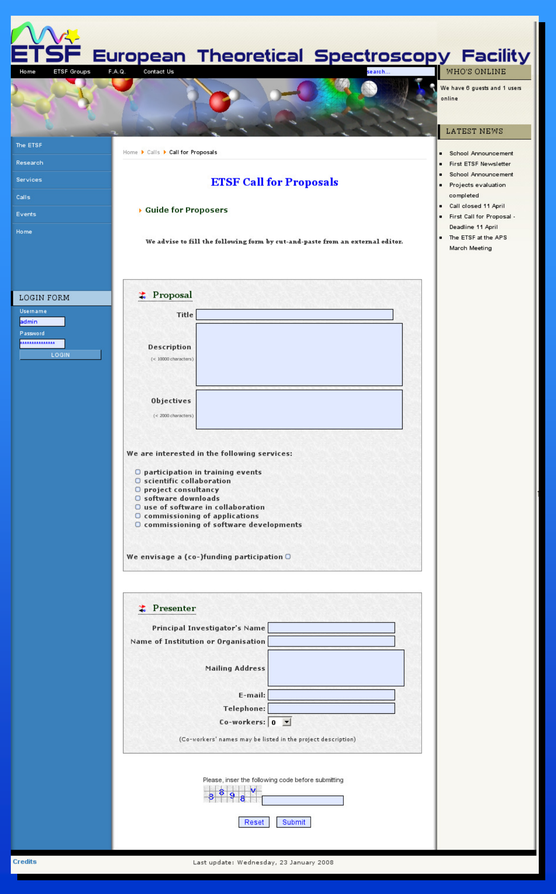
Two calls for proposals

per year (spring and autumn)

In analogy with users of existing large experimental research infrastructures, such as synchrotron facilities, **ETSF users can propose projects** for which scientific and technical support will be provided by ETSF members.

Types of proposals:

- participation in training events
- scientific collaboration
- project consultancy
- software downloads
- use of software in collaboration
- commissioning of applications
- commissioning of software developments



Evaluation criteria:

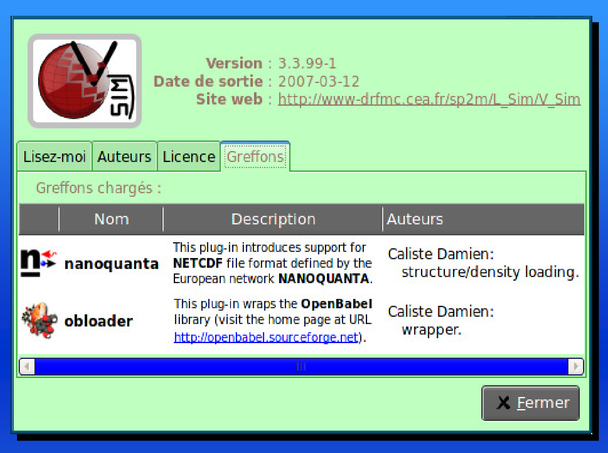
- scientific excellence and relevance
- feasibility

Evaluation process:

1. An External Scientific panel recommends a priority order for proposals;
2. An Internal panel recommends beamline time for feasible proposals;
3. The ETSF Steering Committee allocates beamline time to as many proposals as possible within its resources and following recommendations of the two panels.

+ Online access

To insure and improve the availability of ETSF software

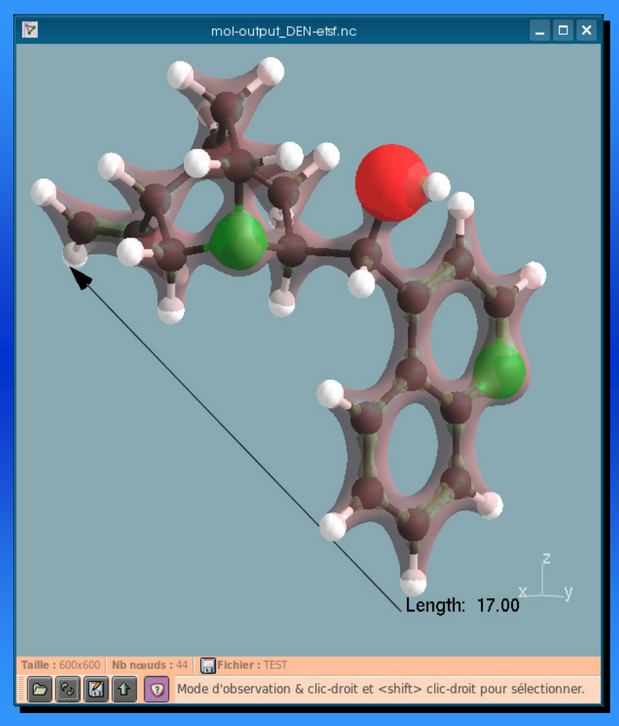


Ease of use :

- Graphical User Interface
- On-line tutorials, examples and video lectures

Availability :

- On-line RPMs and Debian, LiveCD
- ETSF software web sites
- Access to sources



+ Training

Regular training events in *ab initio* techniques, for both ground- and excited-states properties

Dedicated training events on the demand of ETSF users and designed for their particular needs.

- Schools
- Workshops

www.etsf.eu