

# 3<sup>RD</sup> INTERNATIONAL COMPETITION OF NON-COMMERCIAL SOFTWARE SYSTEMS, TOOLS AND PRODUCTS FOR TECHNOLOGY-BASED EDUCATION

*October 8 – 10, 2007  
Beijing, China*

## Goal:

The goal of this competition is to identify best recently developed non-commercial innovative software systems, tools, and/or products (later - SW products) for the area of Technology-Based Education. Possible examples of SW products **may include but are not limited** to:

- Tools and simulators for technology-based labs;
  - Tools and simulators for virtual scientific labs;
  - Educational tools based on wireless technology, Internet and Internet2 technology;
  - Educational tools for PCs, PDAs, Pocket PCs, Tablet PCs, smart phones, etc.,
  - Innovative technology-based courseware;
  - Tools for virtual learning environments;
  - Programming tools;
  - Tools for web-based simulations and modeling;
  - Communication tools;
  - Tools for streaming multimedia;
  - Testing tools;
  - Tools for Web-based education;
  - Security tools;
  - Authoring tools (for development of learning content);
  - Learning management system (LMS);
- etc.

## Awards:

The Final Session of this competition will be held on October 9, 2007 as a part of the CATE-2007 international conference. The winner of this competition will be identified by a committee of 10-12 international referees – experts in technology-based education area.

The winner of this competition will receive:

- 1) the prestigious “**CATE-2007 Best Software Product Award**” and certificate, and
- 2) an offer to publish a **12-page journal article** about his/her SW product in the Special Issue of the international journal on Advanced Technology for Learning (ISSNM: 1710-251) that will contain 7-8 best CATE-2007 papers.

## Requirements:

In general, SW products should be recently developed and based on modern software, hardware, communication technologies. They should **clearly demonstrate**:

- relevance to technology-based education;
- innovativeness (in comparison with other similar SW products);
- completeness and readiness for immediate use in technology-based education;
- functionality and quality of final SW product;
- top quality of development (including feedback from end users such as students, faculty, administrators, external evaluators, etc.).

**Specific requirements include:**

1. A presented SW product should be an **original SW product developed by a team of researchers.**
2. A presented SW product should **NOT be a commercial** product (like MathLab, MatLab, WebCT, BlackBoard, etc.) or be heavily based on commercial product for technology-based education.
3. For this competition only, the basic Graphic User Interface (GUI) of SW product should be in English language.
4. A presenter of SW product should be a member of SW product's development team.
5. A presenter of SW product should be able to demonstrate main functions and features of SW product using his/her laptop and wireless Internet (if necessary ) at conference room.
6. A presenter of SW product should be able to answer in English language all possible questions from international referees and/or attendees.

**Total Number of SW Products to be Presented:**

The total number of SW products to be demonstrated during the Final Session of this Competition is **limited by 20 (twenty)** SW products.

**Number of SW Products to be Presented by One Registered Participant:**

The total number of SW products to be demonstrated by one registered CATE-2007 participant is **limited to 1 (one) SW product.** However, one SW product can be demonstrated by a team of more than one developers.

**How to Apply:**

**Case # 1: Authors and co-authors of accepted and fully paid CATE-2007 papers:**

**By August 1, 2007,** please provide Dr. **Dr. Jean-Pierre GERVAL, Chair of the SW Competition** with the following information:

- a) number of your accepted and fully paid CATE-2007 paper;
- b) name of a software system, tool, and/or product to be demonstrated;
- c) URL (web address) of a demo version of SW product to be presented (if applicable);
- d) short 1- or 2-page description (in English language) of SW product to be demonstrated;
- e) name of CATE-2007 registered participant who will demonstrate a SW product.

**Case # 2: Any other SW product developer (except above-mentioned CATE-2007 participants):**

**Step 1: By June 15, 2007:**

Please provide Dr. **Dr. Jean-Pierre GERVAL, Chair of the SW Competition** with the following information:

- a) name of a software system, tool, and/or product to be demonstrated;
- b) URL (web address) of a demo version of SW product to be presented;
- c) short (1- or 2-page) description of SW product to be demonstrated;
- d) name of person(s) who will demonstrate a SW product during final session of the Competition

**Step 2: By July 15, 2007:**

**Pay full CATE-2007 Registration Fee (one registration fee per each presenter** of a SW product.

Please contact Mrs. Nadia Leamy (Email: [Calgary@iasted.org](mailto:Calgary@iasted.org)) – CATE-2007 Conference Manager – in case of any questions.

## **General Framework of the Final Session of Software Product Competition**

1. Up to 10 minutes per SW product's demonstration for a committee of international referees.
2. It is expected that a presenter of SW product will stay in conference hall for about 2 hours and answer possible questions from attendees of this Competition.
3. Dress code: casual.

## **General Framework of 10-minute demonstration:**

1. **Introduction** (name, country, university, etc.) – *about 1 minute*
2. **Goal and objectives of SW product** – *about 2 minutes*
3. **Main features and functionality, uniqueness and innovativeness** -- *about 5 minutes*
4. **Feedback from Users** -- *about 1 minute*
5. **Conclusion/Future Development** -- *about 1 minute*

## **List of Evaluation Criteria for a SW Product:**

<b>#</b>	<b>Evaluation Criteria</b>	<b>Rating</b>
<b>1</b>	<b>Relevance to Technology-Based Education</b>	
<b>2</b>	<b>Results of performed analysis of existing similar SW products (in other words, how unique is developed SW product)</b>	
<b>3</b>	<b>Innovativeness SW product</b>	
<b>4</b>	<b>Completeness of SW product and its readiness for immediate use in technology-based education</b>	
<b>5</b>	<b>Developed features, characteristics, and functionality of SW product</b>	
<b>6</b>	<b>Overall quality of SW product (including, feedback from end users – students, faculty, administrators, etc.)</b>	
<b>7</b>	<b>Perspectives and future development of SW product</b>	

## **Questions ? Problems?**

In case of technical or organizational questions please contact Dr. **Jean-Pierre GERVAL**, **Chair of the Software Competition:**

### **Dr. Jean-Pierre Gerval**

ISEN Brest

20, rue Cuirasse Bretagne

CS 42807 - 29228 BREST Cedex 2 - France

Tel : +33 (0)2 98 03 84 07

Fax : +33 (0)2 98 03 84 10

Courriel : [jean-pierre.gerval@isen.fr](mailto:jean-pierre.gerval@isen.fr)

WEB : <http://www.isen.fr>

Regarding payment of Registration Fee or any financial issues please contact **Mrs. Nadia Leamy**, **CATE\_2007 Planning Conference Manager:**

CATE-2007 Secretariat (Attn: Ms. Nadia Leamy – CATE-2007 Planning Conference Manager)

IASTED, #80, 4500 - 16th Avenue

N.W., Calgary, AB, Canada T3B 0M6

Tel: 403-288-1195,

Fax: 403-247-6851,

Email: [calgary@iasted.com](mailto:calgary@iasted.com)

Web site: <http://www.iasted.org>