

6TH INTERNATIONAL COMPETITION OF NON-COMMERCIAL SOFTWARE SYSTEMS, TOOLS AND PRODUCTS FOR TECHNOLOGY-BASED EDUCATION

**August 23-25, 2010
Maui, Hawaii, U.S.A.**

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.

General Timetable of Activities:

1. **By June 15, 2010**, please submit a final manuscript of your accepted CATE-2010 paper.
2. **By June 15, 2010**, please inform by email the CATE-2010 Secretariat (Mrs. Nadia Leamy – CATE-2010 Conference Manager; Email: "IASTED" Calgary@iasted.org) about your desire to participate in Software Competition.
3. **By June 30, 2010**, please pay full CATE-2010 registration fee.
4. **By June 30, 2010**, please provide CATE-2010 Conference Manager (Mrs. Nadia Leamy – CATE-2010 Conference Manager; Email: "IASTED" Calgary@iasted.org) with a 1-page letter (on university letterhead) with the following information:
 - number of accepted CATE-2010 paper,
 - name of a presenter,
 - name of software system to be presented,
 - a short (up to 500 characters) description of a software system – goals, functions, feedback from users)
 - a web site (URL) with a DEMO version and GUI in English of the software system,
 - guest Login and Password (if necessary).

All these pieces of information will be forwarded to 20-25 international referees for pre-conference evaluation of the software system. Based on results of pre-conference evaluation and feedback from international referees the IPC will select finalists of this competition.

5. **By July 15, 2010**, all selected finalists of the International Software Competition (who paid on time conference registration fees) will be notified regarding a final decision of the CATE-2010 International Program Committee.
6. **August 23-25, 2010: a final session of the Software Competition.**

Awards and Benefits:

The winner of this competition will receive:

1. a prestigious **CATE-2010 Best Software System** Award,
2. **CATE-2010 Best Software System** Certificate.

General Requirements:

In general, SW products should be developed recently (during the most recent 1-2 years) and based on modern software, hardware, communication, collaboration technologies.

Software products to be presented 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 or a researcher.**
2. A presented SW product should **NOT be a commercial** product (like, WebCT, BlackBoard, MathLab, Sakai, Angel, 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.
7. It is expected that each presenter will bring his/her laptop with all required software/hardware set-ups.
8. Internet connection is ordered in conference hall but not guaranteed.
9. IASTED's laptop with **generic software/hardware** (nothing special or unique) set-ups will be available at the conference room.

General Framework of the Final Session of Software Product Competition

1. **Up to 15 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 1 hour** and answer possible questions from attendees of this Competition.
3. Dress code: **casual**.

A Recommended Structure of 15-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 10 minutes*
4. **Feedback from Users** -- *about 1 minute*
5. **Conclusion/Future Development** -- *about 1 minute*

List of Evaluation Criteria for a SW Product (to be used by 20-25 international referees):

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

Questions ? Problems?

Please contact:

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