

9TH INTERNATIONAL COMPETITION OF PH.D. STUDENTS ON RESEARCH IN TECHNOLOGY-BASED EDUCATION AREA

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

Goal:

The goal of this competition is to identify best young researcher – a Ph.D. student and a participant of the CATE-2010 international conference -- in the area of Technology-Based Education.

How to Apply for the Ph.D. Student Competition:

All potential participants of this competition must submit a regular paper for the CATE-2010 international conference – details are available at CATE-2010 conference web site at <http://www.iasted.org/conferences/home-709.html>

Ph.D. students – authors or co-authors of accepted and fully paid CATE-2010 papers are welcome to participate in the International Completion of Ph.D. Students on Research in Technology-Based Education area.

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 Planning Manager; Email: "IASTED" Calgary@iasted.org) about your desire to participate in the International Ph.D. Student 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) from your Ph.D. advisor regarding Ph.D. student's official academic status (year of Ph.D. study, area of study, and progress and quality of research in CATE area).
5. **Evaluation of submitted papers and selection of up to 8 finalists of the International Ph.D. Student Competition will be done by IPC members based on quality of research in CATE area in general and quality of submitted paper in particular. By October 20, 2010**, all selected finalists of this international competition will be notified regarding a final decision of the CATE-2010 IPC.
6. **August 23-25, 2010: a final session of the Competition; no more than 8 finalists** will be selected by CATE-2010 International Program Committee (IPC) for presentations during a Final Session of this Competition.

Award and Benefits:

The winner of this Competition will be identified by a committee of 20-25 international referees – experts in CATE area.

The winner of this Competition will receive:

- 1) prestigious “CATE-2010 Best Ph.D. Student Presentation” Award,
- 2) CATE-2010 Best Ph.D. Student Certificate.

General Framework of the Final Session of the Ph.D. Student Competition:

1. No more than 8 presentations can be presented at the Final Session.
2. Up to 15 minutes per each presentation and related demonstration.
3. Up to 5 minutes for questions/answers per presentation.
4. A presentation should be done using good English language.
5. It is expected that presenter will not read a paper but present it.
6. Dress code: business.
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.

A Recommended Structure of a 15-minute Presentation:

1. **Introduction** (name, country, university, Ph.D. status, research interests) –
about 1 minute
2. **Problem statement:** (what is a problem? what are current approaches to solve this problem? why those approaches do not work well -- analysis of their advantages and weaknesses) -- *about 3 minutes*
3. **Proposed idea, approach, a summary of performed research findings and results** (uniqueness of the proposed idea and/or approach, brief information on research findings and results in a form of tables, graphs, figures, etc.; analysis of results, etc.) -- *about 5 minutes*
4. **Software Prototype and Demonstration** (if applicable)
(a brief information on pilot software development and demonstration of a working prototype or a system or working model) -- *about 4 minutes*
5. **Next Steps of Research** -- *about 1 minute*
6. **Conclusion** -- *about 1 minute*

Evaluation Criteria:

#	Evaluation Criteria	Finalist #							
		1	2	3	4	5	6	7	8
1	<u>Problem definition</u> and its relevance to Web-Based Education maximum – 5 pts.								
2	Results of performed <u>analysis of literature</u> and/or existing ideas, approaches, and systems. maximum – 15 pts.								
3	Innovativeness and uniqueness of <u>proposed ideas and approaches</u> maximum – 15 pts.								
4	Innovativeness of <u>performed research, findings and outcomes</u> maximum – 25 pts.								
5	<u>Completeness, value and soundness</u> of performed research and research outcomes maximum – 25 pts.								
6	<u>Quality of software prototype and demonstration</u> (if applicable) maximum – 10 pts.								
7	<u>Next proposed steps of research</u> (if applicable) maximum – 5 pts.								
8	Total number of points (out of 100)								
	Overall Rating (# 1 is the best one)								

Questions ? Problems?

Please contact:

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