

5TH INTERNATIONAL COMPETITION OF PH.D. STUDENTS ON RESEARCH IN TECHNOLOGY-BASED EDUCATION AREA

October 4-6, 2006

Lima, Peru

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

1. **Ph.D. students – authors and co-authors of accepted and fully paid CATE-2006 papers** - are welcome to participate in the 5th International Completion of Ph.D. Students on Research in Technology-Based Education area. (All potential participants of this competition must submit a paper for the CATE-2006 international conference).
2. **By July 1, 2006**, please submit your final CATE-2006 paper.
3. **By July 1, 2006**, please inform by email the CATE-2006 Secretariat (Mrs. Nadia Leamy – CATE-2006 Conference Manager; Email: "IASTED" Calgary@iasted.org) about your desire to participate in this competition.
4. **By July 15, 2006**, please pay full CATE-2006 registration fee.
5. **By July 15, 2006**, all candidates of this Competition must provide CATE-2006 Conference Manager (Mrs. Nadia Leamy – CATE-2006 Conference Manager; Email: "IASTED" Calgary@iasted.org) with a 1-page letter on university letterhead from their Ph.D. advisors 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).
6. **By August 20, 2006**, selected finalists of this competition will be notified regarding a decision of the CATE-2006 IPC. **Selection of finalists will be done by IPC members based on quality of research in CATE area. Only 5 finalists** will be selected by CATE-2006 International Program Committee (IPC) for presentations during a Final Session of this Competition; this final session will be held during CATE-2006 conference.

Awards:

The Final Session of this competition is planned to be held on October 5, 2006 as a part of the CATE-2006 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) prestigious "**CATE-2006 Best Ph.D. Student Presentation Award**" and Certificate, and
- 2) an offer to publish a **12-page journal article** about his/her research in the Special Issue of the international journal on Advanced Technology for Learning (ISSNM: 1710-251) that will contain 8 best CATE-2006 papers selected by IPC members.

General Framework of the Final Session of the Ph.D. Student Competition (Aug 30, 2006):

1. A total of 5 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 in 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 (no special or unique) set-ups will be available at the conference room.

General Framework 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
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	<u>Innovativeness and uniqueness of proposed ideas and approaches</u> maximum – 15 pts.					
4	<u>Innovativeness of performed research, findings and outcomes</u> maximum – 25 pts.					
5	<u>Completeness, value and soundness of performed research and research outcomes</u> 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					
9	Overall rating (# 1 is the best one)					

Questions ? Problems?

CATE-2006 Secretariat (Attn: Ms. Nadia Leamy – CATE-2006 Planning Conference Manager)

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