

Student Paper Contest

Rules and Guidelines of the 2006 IEEE International Symposium on Antennas and Propagation

Preamble

To foster active involvement of students and to ensure a future membership of highly qualified researchers in the IEEE Antennas and Propagation Society, the Society sponsors a Student Paper Contest at its annual summer symposium. The rules that govern the process and outcomes of the Contest are provided below.

Rules

A. Written Submission

1. The symposium organizing committee will insert within the symposium's Call for Papers a short paragraph announcing the Student Paper Contest.
2. All students wishing to participate in the contest are required to submit a four page summary paper of new work per the symposium's guidelines for all papers (be sure to check the student paper box in the submission process). The first author will be the student; the second author may be the student's major professor. More than two authors is discouraged.
3. The student's major professor is required to submit a letter indicating that his/her contribution is primarily advisory. Failure to provide this letter will result in disqualification. The letter should be sent by **31 January 2006** to:

Douglas J. Riley
Northrop Grumman Mission Systems
100 Sun Avenue NE, Suite 300
Albuquerque, NM 87109

B. Evaluation of Written Submissions

1. To ensure a sufficient number of judges, the contest organizer will assemble a panel of at least sixteen judges from the Society's membership, half of which are not teaching faculty.
2. The contest organizer will obtain at least two reviews for each submission. The reviews need not be from judges who are experts in the student's field of study.
3. Each judge will numerically score the student paper based upon the following criteria:
 - a. Quality of Presentation (e.g., clarity, organization, style, etc.)
 - b. Sufficient Depth and Breadth of Research
 - c. Innovation and Impact of Research

d. Verification and/or Validation of Results

In accordance with the scoring sheet of Appendix A, a numerical subscore for each category will be assigned. The subscores will range from one to ten, with ten being synonymous with excellent, five with good and one with fair. The final score will be the numerical average of all subscores (i.e., each of the aforementioned criteria are equally weighted.) The anticipated statistical average of all final scores is five.

4. Fifteen students will be invited to the oral presentation phase of the contest. The invitation will be based exclusively on the ranking of the final numerical scores.

C. Evaluation of Poster Presentations

1. All presentations will be given during a special poster session on Tuesday afternoon of the symposium.
2. The contest organizer will seek at least ten individuals from the Society's membership who will judge the oral presentations. Of the ten judges, at least three will be past presidents of the IEEE Antennas and Propagation Society and at least five will be non-teaching faculty
3. Each judge will be given a sheet that lists the names of all presenters. After reviewing all presentations, the judge will rank the presentations, with the number one indicating first rank. Note: In reviewing the presentation, the judge should keep in mind the following important points:
 - a. Quality of Presentation (e.g., clarity, organization, style, etc.)
 - b. Sufficient Depth and Breadth of Research
 - c. Innovation and Impact of Research
 - d. Verification and/or Validation of Results

An example ranking sheet is shown in Appendix B.

4. The contest organizer will tally the rankings submitted by the judges and determine the average ranking of each contestant. The average ranking will be rounded to the nearest integer.
5. In the event of a tie for first, second or third place, the contest organizer and the judges will convene and make the tie-breaking decision.

D. Awards

1. With the consent of the judges, the contest organizer will announce the first, second and third place winners at the symposium's banquet.
2. A monetary award and a certificate/plaque will be given to each winner. The monetary award will be \$700 for first place, \$500 for second place and \$300 for third place.

Appendix A

Written Submission Evaluation Form

Name of Student:

Title of Paper:

Name of Judge:

Instructions: Evaluate the paper by using a one through ten scoring system, where one implies fair, five implies good and ten implies excellent. Write a number by each category in the table below. Calculate the equally-weighted average score (e.g., $(8+7+9+5)/4=7.25$).

Category	Score
Quality of Presentation	
Depth and Breadth of research	
Impact of Research	
Results	
Equally-Weighted Average Score	

Appendix B

Example Ranking Sheet

Name of Judge:

Instructions: Rank the presentations, with the number one indicating first rank.

Student Name	Rank
Student A	2
Student B	7
Student C	3
Student D	1
Student E	4
Student F	6
Student G	5