



St. Louis Area Physics Teachers 25th Annual High School Physics Contest 2010 Contest Results

On Saturday, May 1, 2010, the St. Louis Section of the American Association of Physics Teachers hosted the 25th edition of the St. Louis Area Physics Teachers High School Physics Contest. The contest was hosted by Southwestern Illinois College in Belleville, under the direction of SLAPT member Frank Cange.

Sixty students from seven high schools participated in this year's contest. The test period was 2 hours for both a Mechanics Division, a 100-question test dealing with only mechanics topics, and a Senior Division, a 50-question test that included questions from mechanics, fluids, thermodynamics, electricity and magnetism, and optics. Awards were given in each division for first through fourth place for individuals, as well as honorable mention awards for the next highest 20% of the scores. Team awards were given in both divisions to the top three scoring teams, based on the sum of the three highest scores from each school in each division.

There were 40 participants in the Mechanics Division. This year's individual awardees are:

- 1st Place – Ashley Schwarzer – Helias High School
- 2nd Place – Megan Distler – Helias High School
- 3rd Place – Danny Feldmann – Helias High School
- 4th Place – Brad Distler – Helias High School

Honorable Mention Awards were given to Reetom K. Bera of Parkway South High School, Alex Parish of Webster Groves High School, Nathan Charbonneau, Noah Eby and Dylan Schultz, both of Clayton High School, and to Grant Hoehn, Caleigh Ruether, Stephen Rehogen, and Michel LeRoy, all of Helias High School;

Team awards for the Mechanics Division are:

- 1st Place – Helias High School
- 2nd Place – Clayton High School
- 3rd Place – Webster Groves High School

There were 16 participants in the Senior Division. This year's individual awardees are:

- 1st Place – Kaize Zheng – Clayton High School
- 2nd Place – Gus Heil – Clayton High School
- 3rd Place – Tom Evashwick – Clayton High School
- 4th Place – Meredith Redick – Clayton High School

Honorable Mention awards were given to Ian McGhee of Westminster Christian Academy, and to Ali Sehizadeh and Josh Few of Clayton High School.

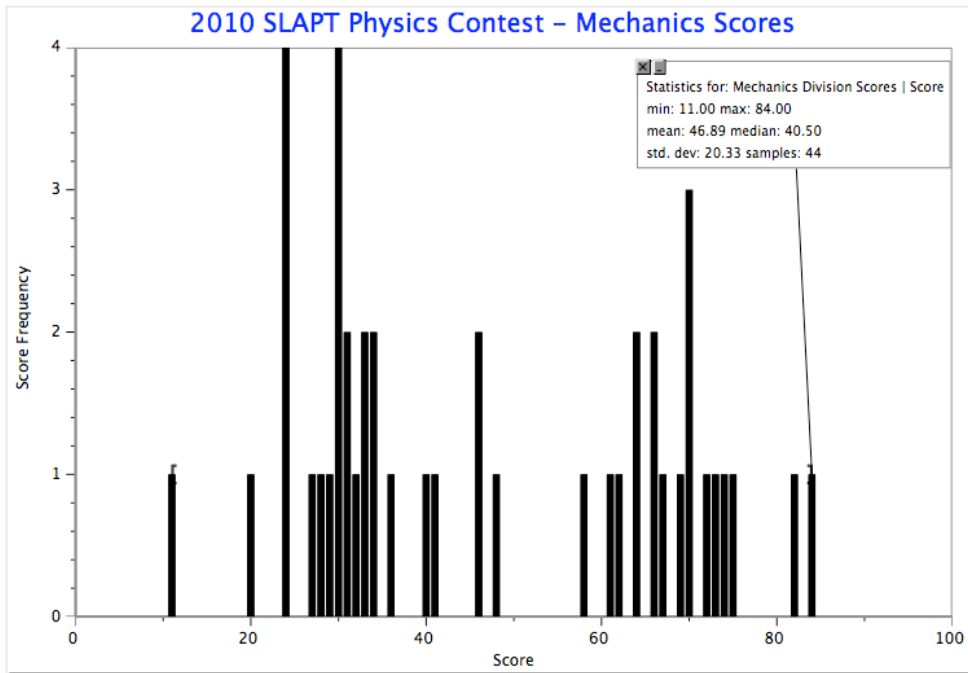
Team awards for the Senior Division are:

- 1st Place – Clayton High School
- 2nd Place – Parkway South High School
- 3rd Place – Trinity Catholic High School

Congratulations to all students who participated and thank you to all of the physics teachers who brought students to the contest this year. Under trying circumstances, the 25th Annual SLAPT High School Physics Contest was a success.

Frank Cange, Contest Coordinator

2010 SLAPT Physics Contest-Mechanics Division Statistics	
Mean	46.9
Median	40.5
Standard Deviation	20.3
Max/Min Scores	84/11
Maximum Possible Score	100
Honorable Mention Cutoff Score	66
Number of Participants	44



2010 SLAPT Physics Contest-Senior Division Statistics	
Mean	25.1
Median	25.0
Standard Deviation	11.7
Max/Min Scores	41/9
Maximum Possible Score	50
Honorable Mention Cutoff Score	29
Number of Participants	16

