

# USAYPT Holds 2009 Annual February Tournament

The United States Association for Young Physicists Tournaments (USAYPT) held its annual U.S. Invitational Young Physicists' Tournament Feb. 6-7, 2009, at Woodberry Forest School, Woodberry Forest, VA. Young physicists' tournaments are theoretical and experimental research-based team competitions described more fully at the USAYPT website: <http://www.usaypt.org>. The U.S. tournament uses previously played problems from the International Young Physicists Tournaments, listed on the IYPT website: <http://www.iypt.org>. This year the problems were #1: Probability (IYPT2006), #2: Magnetohydrodynamics (IYPT2006), #3: Fluid Lens (IYPT2007), and #4: Ice Bulge (IYPT2007).

This year's teams were from the Brisbane Girls Grammar School, Brisbane, Australia; the Gymnazium Jura Hronca, Bratislava, Slovak Republic; the Harker School, San Jose, CA; Oak Ridge High School, Oak Ridge, TN; the Raffles Institution, Singapore; Rye Country Day School, Rye, NY; the Wildwood School, Los Angeles, CA; and Woodberry Forest School, Woodberry Forest, VA. After the Preliminary Rounds, the teams from Raffles and Woodberry Forest qualified for the Finals. In the Finals, Raffles team member Daniel Lim presented his solution to the problem Magnetohydrodynamics. He

was opposed by Collins MacDonald from Woodberry Forest. Andrew Duverney from Woodberry Forest presented his solution to the problem Probability. He was opposed by Jie Yeo from Raffles. Raffles defeated Woodberry and became the U.S. Invitational Champions, taking the traveling trophy home to Singapore.

## About the United States Association for Young Physicists Tournament

The United States Association for Young Physicists Tournament (USAYPT) promotes the IYPT methodology in U.S. high school physics programs. Physics teachers and schools across the United States and invited countries are encouraged to join the USAYPT. (Website: [www.usaypt.org](http://www.usaypt.org).) The 2010 USAYPT Invitational Young Physicists' Tournament (USIYPT) will be held at the Woodberry Forest School, Woodberry Station, VA, Feb. 5-6, 2010. The 2010 USIYPT Problems will be available on the USAYPT website shortly. Complete 2010 Tournament details will be released Sept. 1, 2009.

Woodberry Forest, VA?

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2009 U.S. Invitational Young Physicists Tournament Champions from Raffles Institution, L to R: Lim Soon Wei Daniel, Lee Jie Liang, Team Captain holding the Championship Trophy, Yeo Jie, and Li Kewei. (Wee Chye Huat Mark and Wong Chu Lin coached the Raffles Institution Team.)



The Finalists from Woodberry Forest School, L to R: Collins MacDonald, Andrew Duverney, Team Captain holding the Finalist Trophy, Luke Garrison and Cannon Allen. (Jacob Sargent and Paul Vickers coached the Woodberry Forest Team.)