



**Second Annual World Materials Day  
November 3, 2004  
Student Contest Report**

**Criteria:** The promotion of the wider knowledge of materials and their importance in every day life to the benefit of young people.

**Prize:** An award piece etched with the winner's name and prize money in the amount of \$500.

➤ **ASM/AIST/TMS - combined for two first place prizes.**

- Winner - University of Connecticut Material Advantage Chapter The chapter focused on outreach to younger students for many years. The driving force behind the outreach efforts was the realization that many students entering college had very little understanding about the various fields of engineering (let alone Materials Engineering). The goal was to highlight the exciting future of Materials Engineering for elementary, middle and high school students, as well as their teachers.
- Winner – California Polytechnic State University Material Advantage Chapter - The chapter created an outreach program in two main categories: (1) Outreach to local schools, where we bring our program to them. (2) Outreach on campus in our labs, where various organizations come to visit us.

➤ **CSM - The Chinese Society for Metals**

- Winner

➤ **IIM - Indian Institute of Metals - two prizes**

Prof. Brahm Prakash Memorial Materials Quiz which is organized by the Indian Institute of Metals and is conducted every year before November 14<sup>th</sup>, the National Metallurgists day of India.

- First Place Winners – Team from IIM Bangalore Chapter, National Public School, Bangalore – M. Haripriya, Raghunandan Valluri and G. S. Sushanth
- Second Place Winners – Team from IIM Sunabeda Chapter, National Public School, Bangalore – Pradepta K. Mohanty, Amish Kar and Chinmaya Panda

➤ **IOM<sup>3</sup> - Institute of Materials, Minerals & Mining - two prizes**

The teams of up to four pupils had to create a poster on one of five given topics – the energy efficient home, recycling, transport for the future, medical implants, and sports materials – covering the whole materials cycle and future developments in the particular field.

- Winning Team: Class I competition – Melika Bouncir, Claire Cherry, Roseanna Finnigan and Katie Stephens from Carr Hill High School for their poster entitled “the Eco-House” which focused on how we can save energy around the home.
- Winning Team: Class II competition – Hollie Groome, Andrew Patterson, Oliver Proctor and Hazel Sumner also from Carr Hill High School for their poster looking at transport for the future. They gave a presentation on alternative fuels for cars.

➤ **JIM - The Japan Institute of Metals - one prize**

The title of the project was “The Friendly Casting Technology Inherited by the Future Next Generations. The Casting Club was organized by the graduate and undergraduate students in the department of mechanical engineering to promote and disseminate the importance as well as the pleasure of manufacturing to young generations through the use of casting technology.

- Winner – The Casting Club of Ibaraki University.

➤ **KIM - The Korean Institute of Metals and Materials**

Created a poster entitled: See the World with Metals and Materials

- Winner: You Hwan Lee, Ji Soo Kim, Soo Jeong Cho and Chong Soo Lee of the Department of Materials Science & Engineering, Pohang University of Science and Technology.

➤ **OMBKE – Hungarian Mining & Metallurgical Society - Three Winners**

The Contest was organized separately at the Hungarian universities dealing with Materials science in special scientific conferences of students and PhD students, covering all aspects of materials science. The best papers/posters were selected at each competing university.

- First Place – Zsolt Demeter of University of Miskolc
- Second Place – Attila Magasdi of Budapest University of Technology and Economics
- Third Place – Laszlo Egerhazi of University of Szeged