



News in Mechanical Engineering



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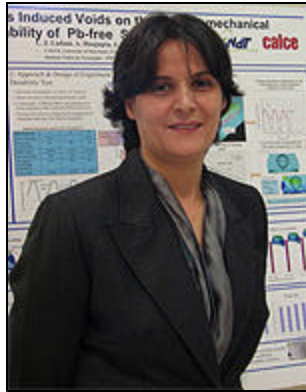
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ME Ph.D. Candidate Leila Jannesari Earns Amelia Earhart International Award



Mechanical Engineering Ph.D. candidate Leila Jannesari .

Congratulations to Mechanical Engineering Ph.D. candidate Leila Jannesari for earning the 2006-2007 **Amelia Earhart International Award** in recognition of and support for her aerospace engineering research. Leila Jannesari is advised by Professor **Abijit Dasgupta**. The focus of her research is the mechanics of materials - especially fatigue and damage properties of material used in electronic products.

The award is granted annually by the **Zonta International Foundation** to highly qualified women pursuing a Ph.D. or doctoral degree in aerospace related sciences and engineering. The award will be presented by the Zonta district of Mid Atlantic North America in August.

Zonta International is a global service organization of business and research professionals working together to advance the status of women all over the world. Nearly 33,000 members belong to more than 1,200 Zonta Clubs in 68 countries and geographic areas. As an international non-governmental organization (NGO), Zonta brings women's concerns to the United Nations, suggesting solutions and bringing public awareness to issues. Amelia Earhart Fellowships are made possible by contributions to the Zonta International Foundation Amelia Earhart Fellowships Fund.

Jannesari was also selected by the National Science Foundation (NSF) to represent the University of Maryland at the Workshop for the Advancement and Retention of Engineering Educators (WEE06) workshop. WEE06 is sponsored by the NSF Divisions of **Civil and Mechanical Systems (CMS)** and **Bioengineering and Environmental Systems (BES)** for the benefit of new faculties and post doctorates, encouraging the retention and advancement of engineering educators. Workshop sessions included proposal writing training, a panel on academic training issues, and technical tours of the Naval Surface Warfare Center, National Institute of Standards and Technology, and the National Institutes of Health.

In 2005 Jannesari was awarded the **Charles Hutchins Educational Grant** from the Surface Mount Technology Association (SMTA) and Circuits Assembly magazine for her project "The Effect of Voids, Caused by Manufacturing Variation, on the Thermo-mechanical Durability of Lead-free Solders" on the electronic industry. This was the first time a student from Maryland had received this award. The award was presented at the 2005 SMTA International conference on September 28 in Rosemont, Illinois.

