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Computer Science and Engineering

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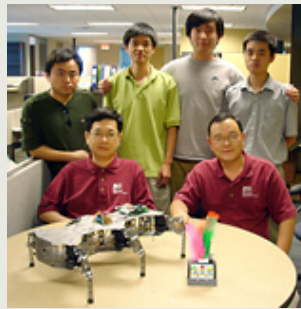


Headlines

Friday June 24, 2005

ASU team wins Ultimate Architect SumoBot Competition at MEDC 2005

Close to 2000 people from many different countries attended the Mobile and Embedded Development Conference (MEDC), 2005 held from May 9 - 12 in Las Vegas. About 200 participants registered for the Ultimate Architect SumoBot Competition. ASU was the only team that completed the robot car construction with PDA wireless remote control within the given time frame, garnering the first place prize for the team in that category. The ASU robot car went on to beat the champion robot car guided with artificial intelligence controls, thus winning the final competition at MEDC 2005. The ASU-team car later raced against and beat all robot cars in the competition and became the undisputed champion of SumoBot robot cars in the world.



The ASU competition team consists of two CSE graduate students Weiwei Song and Xiao Wei. The principal architect behind the robot car design is Dr. Yinong Chen of CSE. The robot car project is based on numerous efforts and research done by Prof. W.T. Tsai and members of his SR Lab including several other PhD students C. Fun, **H. Huang**, B. Xiao, Z. Cao, J. Xu, and two undergraduate students Calvin Cheng and Craig Quiter. The embedded system projects of the ASU SR Lab are sponsored by the Consortium for Embedded Systems, Microsoft, DoD, and NSF.

Video clips of the competition and other robot car experiments can be found at the Embedded System project of the ASU SR Lab website at: <http://asusrl.eas.asu.edu/EmbeddedExplorer/experiment.html>

Photo: From front and from left: Champion's prize (spider robot), ASU Challenger SumoBot, W.T. Tsai, Y. Chen, C. Fan, W. Song, X. Wei, B. Xiao.

Released: May 20, 2005

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Defenses:

The Design and Implementation of the GridPML: A Process Modeling Language for the DeltaGrid by Hua Ma

MS Thesis Defense
June 24, 2005
9:30-11am
BYAC 2420
[more information](#)

Trust Propagation based Authentication Protocol in Multi-hop Wireless Home Networks

By Han Sang Kim
MS Thesis Defense
July 6, 2005
11am-1pm
BYENG 510
[more information](#)

Application Specific Reconfigurable Architecture Design Methodology

by Ali Akoglu
PhD Proposal Defense
July 13, 2005
10am-12pm
BYAC 420
[more information](#)

Renee Turban receives award from Commission on the Status of Women group

The ASU Commission on the Status of Women works to identify, advocate, and increase awareness of needed change in order to enhance opportunities for women. The Commission on the Status of Women annually identifies and recognizes those individuals, groups, or teams that further the status of women at ASU. This year, Renee Turban, from the Computer Science & Engineering department, was chosen as an award recipient for her "achievements and contributions that further the status of women at ASU".



Released: May 6, 2005

Important Changes to RA/TA Policies

Due to recent revisions in the U.S. tax laws, the Graduate College informed us yesterday of the following policy changes affecting RA's and TA's. The changes are effective this summer05:

- 1) Students hired as an RA/TA during the summer must enroll in at least ONE credit hour of summer coursework. The same tuition waivers apply as the fall and spring semesters (full waiver if employed at 50%, 50% waiver if employed less than 50%). Please see Martha Vanderberg for acceptable one credit hour courses.
- 2) RA/TA's hired to work more than 50% (20 hrs/wk) will need to petition for work overloads. You can find the form at the following website: <http://www.asu.edu/graduate/forms/index.html>. The form is titled, "Petition to the Division of Graduate Studies". Print the form, fill it out, and have it signed by your committee chair and department chair. Bring it to Pam Dunn and she will then fax it to the Grad College.
- 3) In general, no more than 30 hours of RA/TA work per week (or 75% FTE) will be approved during summer. If you have already been hired at 100%, you will be informed how your hours or pay will be affected.

Released: May 5, 2005

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