

# The SEAL Times

The Official Newsletter of the Sensors, Energy and Automation Lab  
Electrical Engineering Department, University of Washington, Seattle, WA  
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## ➤ Highlight of the Month

Bing Jiang and Ryan Wistort won a second place at the International Student Paper Contest at the IEEE Transmission and Distribution Conference in Dallas, TX. Their paper and presentation were titled "Cost-driven Maintenance with Mobile Monitoring of Underground Cable Systems."

The IEEE PES T&D Conference is a meeting of about 20,000 professionals. This particular international student paper contest was among nine winners of preceding regional contests.

This award continues a line of international contests won by SEAL students, with the most recent ones being:

- ❖ First place at the international poster contest at the IEEE PES General Meeting 2003 in Toronto (Jewell-Larsen, Pendergrass, Parker)
- ❖ First place at the international poster contest at the IEEE PES General Meeting 2002 in Chicago (Wang)



From left to right: Alanson Sample, Bing Jiang, Ryan Wistort, and Alexander Mamishev

## ➤ Recent Awards

- ❖ **Bing Jiang and Ryan Wistort:** *second place at International Student Paper Contest, IEEE PES Transmission and Distribution Conference.*
- ❖ **Alanson Sample and Anna Tonkonogui:** *SEAL Scholarship.*

## ➤ Scholarship and Award Alert

- ❖ **ASNT Fellowship Award – deadline 10/15/03**  
*Graduate fellowship on non-destructive testing*  
<http://www.asnt.org/keydocuments/awards/awards.htm>

- ❖ **ASNT Engineering Undergraduate Award – deadline 10/15/03**  
*Undergraduate award on non-destructive testing*  
<http://www.asnt.org/keydocuments/awards/awards.htm>
- ❖ **DEED Senior Technical Design Project – deadline 10/15/03**  
*Graduate and undergraduate award for energy-related research projects*  
[http://www.appanet.org/DEED/scholarships/scholarship\\_s.cfm](http://www.appanet.org/DEED/scholarships/scholarship_s.cfm)
- ❖ **DEED Senior Technical Design Project – deadline 10/15/03**  
*Graduate and undergraduate award for energy-related research projects*  
[http://www.appanet.org/DEED/scholarships/scholarship\\_s.cfm](http://www.appanet.org/DEED/scholarships/scholarship_s.cfm)
- ❖ **AT&T Labs Student Enterprise Award – deadline 11/15/03**  
*Available for IEEE members*  
<http://www.ieee.org/students/>
- ❖ **Fannie and John Hertz Foundation Fellowship – deadline 11/01/03**  
*Available for U.S. citizens, Ph.D. student* <http://www.hertzfdn.org>
- ❖ **NSF Graduate Fellowship – deadline 11/05/03**  
*Available for U.S. citizens*  
<http://www.nsf.gov/home/deadline/eng.htm>
- ❖ **Amelia Earhart Fellowship Award – deadline 11/15/03**  
*Available for graduate students*  
[http://www.zonta.org/Our\\_Programs/Amelia\\_Earhart\\_Program/amelia\\_earhart\\_program.html](http://www.zonta.org/Our_Programs/Amelia_Earhart_Program/amelia_earhart_program.html)
- ❖ **IEEE Life Member Graduate Study Fellowship – deadline 11/15/03**  
*Available for EE graduate students*
- ❖ **National Physical Science Consortium Graduate Fellowship in Physical Sciences – deadline 11/15/03**  
<http://www.npsc.org/students>

For more information about these scholarships and awards, please check the 'list of scholarships and fellowships' at the SEAL website.

## ➤ Upcoming Travels

- ❖ **Xiaobei Li:** CEIDP 2003 Albuquerque, New Mexico.
- ❖ **Kishore Sundara Rajan:** IEEE sensors meeting 2003, Toronto, Canada.
- ❖ **Alexander Mamishev:** Washington D.C., Toronto/Albuquerque (Alex now has his heart torn between Kishore and Xiaobei ), and Seoul, South Korea.

## ➤ Feature Article

### Summer productivity = $1/\exp(\text{degree of tan})$ – The founding philosophy of SEAL?

*Xiaobei's dilemma – SLACKER tattoo?*

After being mistaken many times for a Malaysian, a Thai, a Vietnamese, and an Asia-Tahitian mix of some sort, Xiaobei came to the painful realization that she was too tanned for a Chinese. Her deep tan subjects herself to ridicule and discriminations from the more prudent and less tanned fellow workers at SEAL. This reminds her of the scenario in Scarlet Letter – she felt as if she was forced to wear a big tattoo of 'SLACKER!!!' on her forehead. She learned her lessons:

- 1. Don't ever begrudge the cost of suntan lotion!** The always-know-better Nels Jewell-Larsen managed to maintain the fairness of his complexion, despite a long trip to Australia, by generous daily consumption of sun block lotion. Cunning indeed. Cunning indeed.
- 2. There are more sophisticated sports than tennis.** Prof. Alexander Mamishev, freshly emerged from his trip around Europe, was critically claimed, by the once star athlete Mike Hegg, as being 'YOUNG', 'VIBRANT', and 'FIT'. Yet, he, too, was not tanned! After much prodding from Xiaobei, the professor dropped a hint, albeit reluctantly: Don't you know they have indoor swimming pools and Jacuzzis in five-star hotels???
- 3. Grow a beard or sth. THAT distracts attention away from your tan.** The usually clean and tidy Mike Hegg, is curiously under-shaved these days. Is he too, seeing how Kishore's beard gained him much popularity with Alex, going for the Lenin look? Gabe Rowe, although working around the clock on his DSP chip, managed to find time for shaving, but not, however, for a haircut. Hm...., wonder what's back this year: the goatee or long hair.
- 4. Spending more time in the lab is, after all, not such a bad idea.** With Bing, the eternal theme of SEAL, temporarily removed from position for an internship in Intel, Prof. Mamishev is faced with an increasing horror of walking into an empty lab on nice summer days. To alleviate his feelings, and to take full advantage of the freedom of blasting her music, Xiaobei decided to move her base from home to the lab. She has been pondering upon the question: where am I more productive, in the lab or at home? The alarming truth came to her days later: she is most productive when she runs out of time.

Xiaobei's sleep was much troubled these days by the prospect of deadlines, exams, and conferences in the coming quarter. The lab and the campus will once again be filled with people and buzz with life. The mere thought of it makes her nervous. She has been dreading this moment, the end of her tennis-playing and novel-reading days. But she does want to have her 'SLACKER' tattoo removed, not from her forehead, but from somewhere deep in her mind.

*- To all those SEALers who have been slacking off a bit in the summer: No time to feel guilty now, dude!*

To submit your article to this column, please contact Xiaobei Li at [lixiaobei@ee.washington.edu](mailto:lixiaobei@ee.washington.edu)

## ➤ Picture gallery

### The SEAL triangle lake retreat – August 2003

