

# The Downlink



Albuquerque Section

## IEEE Albuquerque Section Newsletter

Newsletter Editor  
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### IEEE Region 6 SWA Fall 2010 Meetings

The IEEE Region 6 Fall 2010 meeting is scheduled for Saturday, October 23rd, 2010 at University of New Mexico , Albuquerque, New Mexico. The focus of the meeting is Section, Society Chapter, Affinity Group Chapter, and Student Branch Officer Leadership Training. Group of hotel rooms for this meeting are reserved at MCM Elegante.

The following is the meeting agenda for Saturday, October 23rd, 2010:

- 7:30 AM - 8:00 AM: Registration and Breakfast
- 8:00 AM - 9:00 AM: IEEE (Region 6, SWA, and Albuquerque Section) and UNM (Dean of Engineering, Head of the Department, and IEEE Faculty Advisor) Updates
- 9:00 AM - 12:00 PM: Section, Society Chapter, and Affinity Group Chapter Leadership Training
- 9:00 AM - 12:00 PM: Student Branch Officer Leadership Training
- 12:00 PM - 1:00 PM: Lunch
- 1:00 PM - 2:20 PM: Section Updates
- 2:20 PM - 2:40 PM: IEEE Region 6 SWA Award Presentations
- 2:40 PM - 3:40 PM: Student Branch Updates
- 3:40 PM - 3:50 PM: IEEE Region 6 SWA Spring Meeting Discussion
- 3:50 PM - 4:00 PM: Opens
- 4:00 PM: Meeting Adjourn

Please refer to <http://www.ewh.ieee.org/reg/6/> for IEEE Region 6 travel guidelines.

### Lectures and Seminars

The next two lectures of the Science and Society Public Lecture series by Sigma Xi – UNM Chapter will be:

- 1.- *"Dealing With Danger: How Innercity Youth Cope With the Violence That Surrounds Them"* by Howard Pinderhughes Thursday, November 18, 2010, 5 p.m.
- 2.- *"Gray Wave of the Great Transformation: A Satellite View of Urbanization, Climate Change, and Food Security"*. by Marc L. Imhoff, Thursday, 9 December 2010, 5 p.m.

Lectures are held at the UNM Conference Center, 1634 University Blvd. NE.

### Welcome to the IEEE Albuquerque Section

If you have an article for publishing in the newsletter, send it to the email address above.

Also, come meet us at the monthly Section Board lunch. (See calendar on the back page.)

## UNM community mourn loss of Prof. Peter Dorato

The friends, colleagues, and students of Professor Peter Dorato were saddened to hear of his passing on September 18 after a short illness. He was 77.

An emeritus professor with UNM's Electrical & Computer Engineering Department, Dr. Dorato's commitment to the learning of his students never waned, even after his retirement in 2005.



He continued teaching and was a welcome daily presence in the ECE Department. He remained involved in his wide array of passions—from teaching and counseling undergraduates to participating in faculty meetings and contributing to the department's many events and activities.

Generations of students will always remember prof. Dorato as the great teacher he was. His classes were not only inspiring but also well planned and fun at the same time. Thank you Prof. Dorato, for everything.

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## UNM students win IEEE Region 6 Best Student Paper Award

Drew Hollowell and Ryan Clark obtained the IEEE Region 6 best student paper award. The contest was held in Salt Lake City. Participant papers were evaluated on their written preparation and the authors' oral presentation. Drew and Ryan's paper was titled "Flexible Implementation of Rigid Solar Cell Technologies". In the paper, Drew and Ryan proposed an innovative approach for implementing flexible photovoltaic systems without sacrificing efficiency and life time. The approach consisted of using small, highly efficient, and rigid solar cells arranged on a flexible material. The paper described in detail the fabrication process and the results of testing on these new systems.



Drew Hollowell receives his team's best-paper award from Leonard Bond, who is the IEEE Region 6 director

"I took Optimization Theory with Prof. Dorato. Without hesitation the best class I ever took at ECE-UNM. Prof. Dorato was one of the best professors I ever had. We will miss him" *Alonzo Vera, ECE alumni.*

"He was the best teacher that we had at ECE. Even after retirement, his passion kept him coming back to hold office hours in classes that he was not even teaching! He was a great mentor to both students and faculty." *Marios Pattichis, ECE Associate Professor.*

"I met Prof. Dorato on my second semester of graduate school at UNM. I took the Linear Systems class with him and loved his didactic style of teaching. Following an excellent Optimization Theory class, I asked him to be part of my PhD dissertation committee. Although my dissertation topic was not on the Control Systems area, he gladly accepted my request, and then set out to learn more about my Medical Imaging problem. He always brought insightful advice and stimulating questions about my research, and his enthusiasm was definitely contagious. In my years as a graduate student, I always saw him walking around the ECE Dept. with a bright smile on his face, working late into the night even after he retired, and taking care of his fantastic car decorated by multiple circuit boards. His presence will be greatly missed." *Simon Barriga, ECE alumni.*