

# The Downlink



IEEE Albuquerque Section Newsletter

Q1 - 2013

## **Congratulations IEEE Fellows of the Albuquerque Section!**

The IEEE Albuquerque Section would like to congratulate the 2013 Newly Elevated IEEE Fellows:

Vince Daniel Calhoun from The Mind Research Network, for contributions to data-driven processing of multimodal brain imaging and genetic data,

Luke Fleet Lester from the University of New Mexico, for contributions to quantum dot lasers,

Subhash L. Shinde from Sandia National Laboratories, for contributions to thermal management and 3D electronics packaging technologies,

The IEEE Fellow is a distinction reserved for select IEEE members whose extraordinary accomplishments in any of the IEEE fields of interest are deemed fitting of this prestigious grade elevation. The IEEE Grade of Fellow is conferred by the Board of Directors. The total number selected in any one year does not exceed one-tenth of one percent of the total voting Institute membership.

Congratulations 2013 IEEE Fellows! We hope this award encourages you to continue to pursue professional excellence.

## **IEEE Albuquerque Section 2013 Officials**

Chair: Aaron Murray (atmurra@sandia.gov)  
Vice-Chair: Gilberto Zamora (gzamorac@hotmail.com)  
Secretary: Jason Neely (jneely@sandia.gov)  
Treasurer: Ray Byrne (rhbyrne@sandia.gov)  
GOLD Chair: Cesar A. Silva Monroy (cesarsilva@ieee.org)  
Website Admin: Gilberto Zamora (gzamorac@hotmail.com)  
Newsletter Editor: Jorge Piovesan (jlpiovesan@gmail.com)  
Life Member affinity group: George Aikins (aikinsg@ieee.org)  
Women in Eng. affinity: Srividya Iyer (mgi2883@motorola.com)  
Student Branch: Raymundo Rael

## **Carl Selinger's "Stuff" talk to the IEEE Albuquerque Section**

On March 11th, our Section in collaboration with the IEEE UNM Student Chapter and the IEEE Albuquerque GOLD affinity group hosted Carl Selinger's talk "Stuff you don't learn in Engineering school" at UNM's Centennial Center's auditorium.

As many of you know, Carl wrote a column by the same name on Spectrum a few years ago and it became so successful that he wrote the book and now travels around the country giving talks and seminars on this topic to different IEEE and other organizations.

Carl gave a one-hour talk covering the main soft skills that any engineer, not only EEs, should acquire and nurture in order to be more successful in their careers and stand out from the crowd, such as: better writing, speaking, and listening; decision making; priority setting and time management; being effective at meetings; understanding of oneself and others; team work; negotiation; creativity; and many more that were presented at the talk. (Continue on Page 2)



Newsletter Editor: Jorge Piovesan  
jlpiovesan@gmail.com

## Carl Selinger's...

(From page 1) ... The talk was very well received and afterwards several students and young engineers approached Carl with questions. Carl was kind enough to send us two copies of his "Stuff" book. One copy was given to the IEEE UNM Student Chapter to add to their library and the other to GOLD to provide as a resource to its members. Remember, if you graduated less than 10 years ago, you are a member of GOLD, automatically.

Interestingly, a group of high school students attended the talk, probably first attracted to the auditorium by the smell of pizza and cookies offered as part of the event. They also talked to Carl after the talk and invited him to see them practice for an upcoming robotics competition.

Thank you very much to our Chair, Aaron, the IEEE UNM Student Chapter chair, Raymundo, and GOLD's chair, Cesar, for all the hard work in putting this event together. We think we can have Carl over next year for another talk or maybe a seminar so check every upcoming issue of the Downlink for updates on this and other activities.

The picture in page 1 shows Carl at the beginning of the talk.

Contributed by Gilberto Zamora

## New Section website

The Albuquerque section has a new website. Please visit us at <http://sites.ieee.org/albuquerque/>

## Upcoming Section Board meetings

April 30th

May 28th

No meetings in June or July

Meetings are held on the last Tuesday of the month, 11:30 a.m. at Yanni's Mediterranean Bar & Grill (3109 Central Avenue NE ). Come join us.

## Upcoming Events

### IEEE Albuquerque Section Awards Banquet

May 14, 2013, The IEEE awards banquet will be held on May 14th, 2013, and we are receiving nominations through April 22nd. Award recipients will be notified by May 1st. Nominations are now being accepted for the following:

Outstanding Engineering Educator  
Outstanding Young Engineer  
Outstanding Engineer  
Outstanding Entrepreneur  
Outstanding Undergraduate Engineering Student  
Outstanding Graduate Engineering Student  
Outstanding Service

Nomination guidelines, forms, and banquet details are posted in the Section website (<http://sites.ieee.org/albuquerque/>) and Facebook page. Please note that students, award recipients, fellows, and past Chairs are invited to the banquet at no cost for them.

### Science & Society Distinguished Public Talks

April 18, 2013, "Photoelectrochemical Water Splitting and the Hydrogen Economy" Presented by John A. Turner, Research Fellow at the National Renewable Energy Laboratory

PLACE & TIME: The University of New Mexico Conference Center, Auditorium, 1634 University Blvd. NE, Albuquerque, NM, Talk at 5:30 p.m, Meet and Greet at 5:00 pm

Co-sponsored by the Albuquerque Section of the IEEE and its Life Members Affinity Group, Sigma Xi, the Department of Physics & Astronomy, The University Honors Program, and the Division of Continuing Education.

### APS/MTT/EMC/NPSS Joint Chapters talks

April 3, "Waveguide-Fed Slot Arrays: Design, Analysis, and Applications" Presented by Sembiam R. Rengarajan, California State University.

May 1, "Dispersion Engineering for High Power Microwave Amplifiers", Presented by Edl Schamiloglu, University of New Mexico

PLACE & TIME: Four Hills Country Club, 911 Four Hills Road, SE, Albuquerque, NM 87123, Talk at 7:30 pm, Social begins at 5:45 pm, and Dinner begins at 6:30 pm.

\$25 per person for dinner (full-time student members of IEEE, \$15)—reservations required. No charge and no reservation required to attend just the talk. For updated information and RSVP contact Everett Farr at [efarr@farr-research.com](mailto:efarr@farr-research.com) or by phone at 505-410-7722 or 505-293-3886.