

***Science and Engineering Council of Santa Barbara:
September Luncheon***

Elephant Bar Restaurant, Thursday, September 13, 2007 12:00-1:30

----- THIS MONTH'S TOPIC -----

**Improving Wireless Network Performance
with Tower-Mounted Electronics**

Dr. Mike Eddy will provide an overview of how wireless interfaces have evolved from analog to current wireless data technologies. Wireless networks are increasingly stressed due to growing wireless use, particularly for data applications. As a result, there is an increasing need to optimize networks. This is best done at the antenna to overcome any cable losses.

Dr. Eddy will discuss tower-mounted electronics to optimize the network, and the need to focus on size, performance, and reliability.

----- PRESENTER -----

Dr. Mike Eddy, Founder and President of ANTONE Wireless



Dr. Mike Eddy founded ANTONE Wireless (www.antonewireless.com) in 2004. Prior to this, Dr. Eddy held several positions at Superconductor Technologies, including VP Business Development, VP Marketing, VP Materials Development and VP Operations. Dr. Eddy has a Ph.D in Chemistry from Oxford and an MBA from Pepperdine. In addition, he holds several patents related to materials, devices, and optimization of wireless networks.

----- OTHER INFORMATION -----



\$14 SEC members, \$20 non-members.

Information: Barbara Keaney (E-mail scieng@silcom.com) or call (805) 684-4927.

Reservations not required. **Visit our web page at <http://www.scieng.org>**

Elephant Bar Restaurant: 521 Firestone Road, off Hollister

-- near airport administration, in Goleta.

From the Co-Presidents: We are pleased to announce several new members to SEC. Our new corporate members are ***Strategic Development Associates of Santa Barbara***, and ***Kollabra Consulting, Inc.*** New individual members are ***Alice Green*** (rejoined), ***Florence Hu***, and ***Deborah Scott***. Please join us in welcoming these members, and we will see you in September. ***Tim Murphy and Gary Kravetz***