

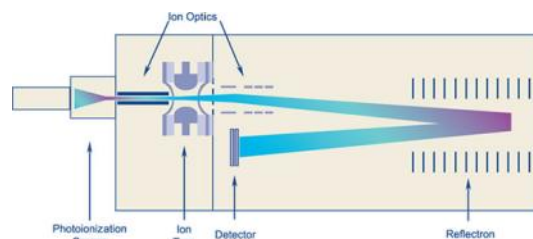


Innovations in Trace Chemical Sensing

by Jack Syage, President, Syagen Technology, Inc.
Wednesday, June 9, 2010 at 6:00 p.m.

Plant Tour, Dinner, & Presentation

sponsored by
The Southern California Chapter of the AVS Science & Technology Society



Quadrupole Ion Trap & Time-of-Flight mass filter

Synopsis

Syagen is a leader in applying ionization mass spectrometer technology to such diverse applications as explosives, bio-weapon, and drug detection at airports as well as high performance life sciences instrumentation. Dr. Syage will discuss technical and business challenges the company has met. The event will be of interest to both technologists and entrepreneurs.

Syagen innovations have greatly improved efficiency and selective fragmentation of molecular ionization. Combining quadrupole ion trap and time-of-flight mass filters has increased mass measurement sensitivity, selectivity, and speed. Specialized high vacuum techniques have been used throughout.

Commercialization of new technology is expensive and involves a lot of technical and business risk. Dr. Syage will discuss ways this risk has been mitigated through highly focused R&D, SBIR funding, venture funding, and licensing arrangements.

Our Host/Speaker

Dr. Syage has over 20 years of experience in creating and leading the development of innovative technologies in the analytical and aerospace industries. He has received numerous honors and acted as a Visiting Professor at several Universities. Jack has published over 120 papers and delivered over 50 invited talks in fields of mass



Security portal for Explosives,
Bio-weapon, & Drug Detection

spectrometry, trace detection, and ultrafast spectroscopy, and has 20 U.S. patents issued or pending. He appears on the list of the Most Highly Cited Chemists of the last two decades. He received a BA in Chemistry from Hamilton College (1976) and a Ph.D. in Physical Chemistry from Brown University (1982) and received several academic awards including the Best Thesis Prize. Jack was a postdoctoral fellow at Caltech under Nobel Laureate Ahmed Zewail (1982-84).

For more information, see the Syagen website at www.syagen.com

Date: Wednesday, June 9, 2010
Time: 6:00PM Start of Tour at Syagen Technology, Inc. at 1411 Warner Ave., Tustin, CA 92780
7:00 PM Gather and mingle at Holiday Inn, 2726 South Grand Ave., Santa Ana, CA 92705 (Just north of Dyer & 55 FWY, 714-481-6300)
7:15 PM Dinner begins
8:00 PM Presentation by Dr. Syage

Cost: \$25 per person, \$20 Students

Menu: "Chicken California"

Boneless Breast of Chicken crowned with Monterey Jack Cheese, Tomato, Avocado and served with a Cilantro Tomato Sauce.

Served with Rice Pilaf & Fresh Seasonal Vegetables.

Also included are Mixed Green Salad, Rolls and Butter, Gourmet Coffee, Decaffeinated Coffee and Hot or Iced-Tea, and Chef's Choice of Dessert

Parking: Free onsite at both Syagen Technology and the Holiday Inn

Directions: at www.sccavs.org

Registration Form

Deadline: June 4, 2010

(No Credit Cards or POs accepted) Payment by check only to: **SCCAVS, 1365 Delaware St., Unit 101, Huntington Beach, CA 92648**

For additional information, contact:
info@sccavs.org

[] Check enclosed payable to SCCAVS

Name: _____

Company/Org _____

Address, MS _____

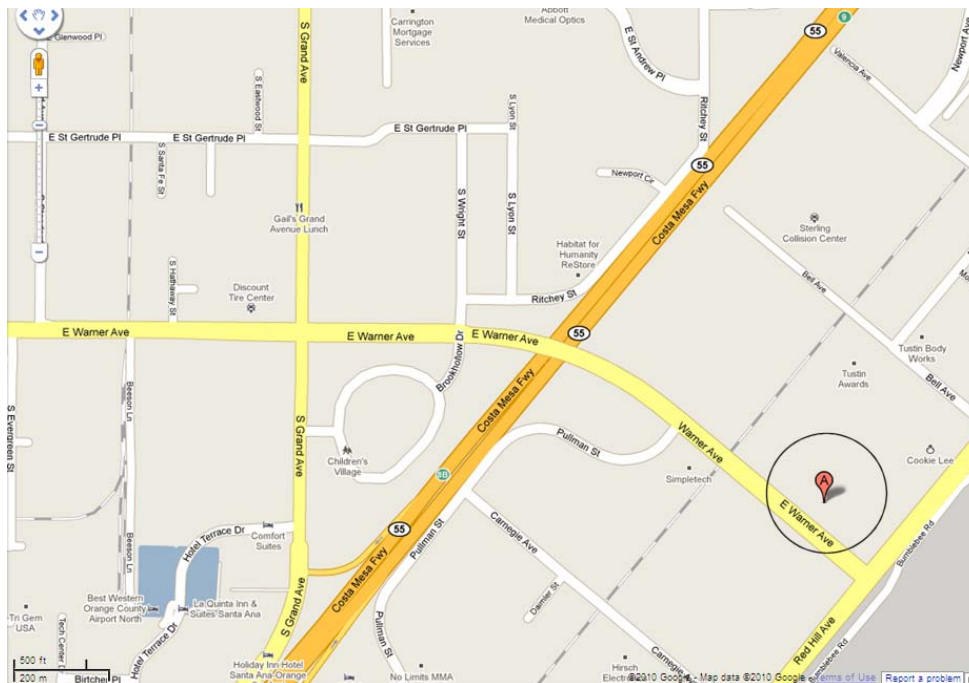
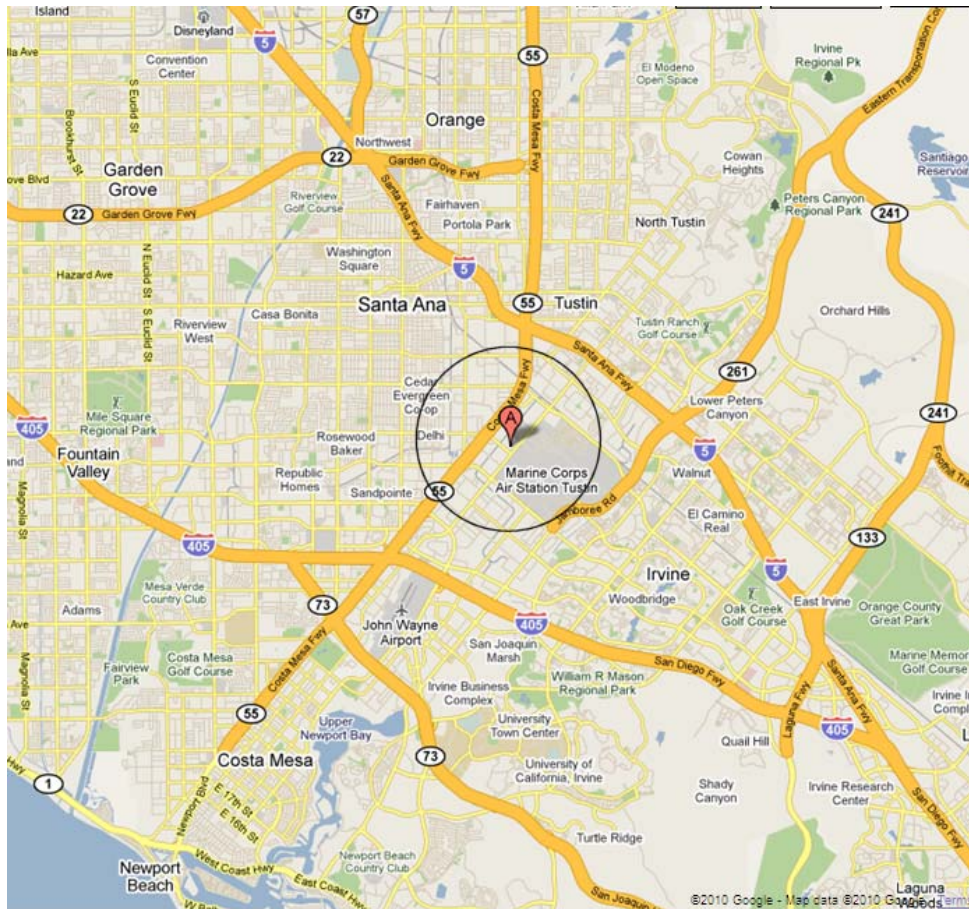
City _____ **State** _____ **Zip** _____

Phone: _____

Fax: _____

Email: _____

Sygen Technology, Inc.
1411 Warner Avenue
Tustin, California 92780
(714) 258-4400



Directions from Syagen Technology, Inc. to Holiday Inn

