

# **WELCOME to The 1989 International Microwave Symposium**

## **Microwaves Among the Stars**



**WELCOME:** I looked it up, and my dictionary traces the derivation from the Anglo-Saxon "wilcume"—one who comes so as to please another. Used as a noun, Webster lists "an act or expression of welcoming". Both apply for the 1989 IEEE MTT-S International Microwave Symposium. By attending, you will fulfill the wishes of the Steering Committee which has had five years to prepare for your visit. You'll be welcomed in Long Beach by the Steering Committee, the Speakers, ADCOM, the Exhibitors, and the City itself at this annual "Meeting of the Clan". So, once again, **WELCOME!**

What's in store for our guests? A full five days of technical presentations, if one signs up for MMMC, which precedes, and ARFTG, which follows, the MTT. Sometimes referred to as "Microwave Week", those who take it all in will be calling it "Microwave Weak". In addition, there are Panel Sessions, Workshops, Open Forums and a tribute to Dr. Seymour B. Cohn.

On the lighter side (you don't have to take notes) is the Plenary Session, with Dr. Hal Rosen and Dr. Simon Ramo speaking, on Tuesday at 10:30 a.m. "Microwaves Among the Stars" is our theme, and these two are pre-eminently qualified to speak on the subject of satellites and communication. The Historical and Space Exhibits, located near the Industry Exhibits, are also meant to entertain and titillate visitors without straining their cerebral mass.

There's no way to separate the Social from the Technical at the MTT, as you will continually meet up with former classmates, co-workers and acquaintances. To facilitate this pleasant part of the Symposium, the Microwave Journal hosts both attendees and exhibitors Monday evening, 6:00 p.m. to 8:00 p.m., in the huge Spruce Goose Dome. So, "DON'T MISS THE BOAT", as we cruise down memory lane. The Spouses program runs Tuesday through Thursday, with Universal Studios and the Getty Museum on the itinerary. Wednesday evening is ushered in with the Industry sponsored Cocktail Party taking place at the entrance to the Hyatt Regency. It culminates with the Awards Banquet in the Hyatt Ballroom, where we take the opportunity to honor those who have made outstanding contributions to the Society. The Banquet concludes with the Premier of the "One Penny Opera", a musical spoof of the Microwave Industry. As the creator, I'd say it's overpriced, but you get to be the judge.

The table's all set for a gala week in Long Beach, a vigorous and growing community anxious to show you its "Grand Prix" Hospitality. The Steering Committee is straining at the starting line, eager to show you a memorable time in June. Won't you make a reservation and join us? The race is to the Swift, they say.

**Chuck Swift  
Steering Committee Chairman  
1989 International Microwave Symposium**



Synthetic aperture radar (SAR) image of the Los Angeles area obtained by the Seasat satellite. The Seasat SAR operated at L-band, horizontal polarization, and 23-degree incidence angle. Images obtained by the SAR were transmitted to earth by a microwave communications link. Besides readily showing major manmade features, such as airports, freeways, etc., the SAR also shows the surface roughness of the ocean.