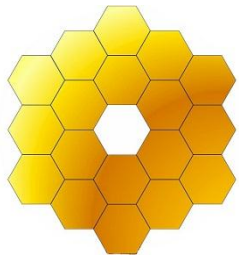
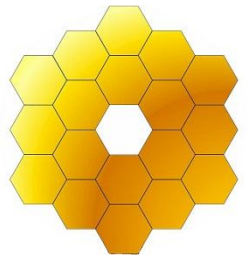




**welcomes you
to**



Mirror Tech Days 2013



"the best Mirror Technology on this planet...and beyond!"



- The Optical Society of Southern California (OSSC) was founded 1951 to:
"... increase and disseminate the knowledge of optics and closely allied sciences and to promote the mutual interests of investigators, organizations, teachers and students in these fields."
- Local section of the Optical Society of America (OSA)
- Membership:
 - 50 Corporate Members
 - 277 Individual Members
- Meetings on the second Wednesday of each month from October through June
- Monthly newsletter
 - **Pick up a free copy of the October newsletter in the lobby**
- Visit www.osscc.org to find out more ...





OPTICAL SOCIETY OF SOUTHERN CALIFORNIA

Increasing the Knowledge of Optics

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Uniting the Southern California Optics Community



The **Optical Society of Southern California** was founded in 1951 to increase and disseminate the knowledge of optics and closely allied sciences and to promote the mutual interests of investigators, organizations, teachers and students in these fields.

The **Society** is a local section of the [Optical Society of America](#) and typically meets on the second Wednesday of each month from October through June. Most of our meetings are open to the public. Those interested in promoting our goals are invited to apply for either Individual or Corporate Membership.

TIME FOR ANNUAL MEMBERSHIP RENEWAL!! LOOK IN UPPER RIGHT CORNER FOR "RENEW" IN RED AND CLICK ON IT!!

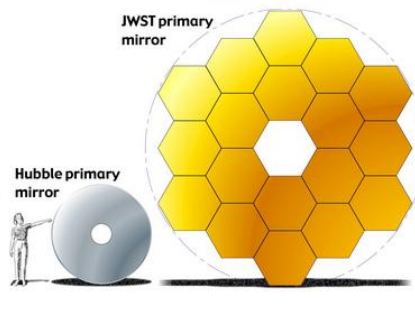
**Upcoming conference: Mirror Tech Days
October 1 - 4, 2013**

[REGISTER HERE](#)

**Upcoming OSSC Meeting: BioMimetics
October 9, 2013**

Join us for our the first meeting of the 2013-14 program year. The evening will also have a special tribute to honor the memory of Don Wolpert.

The **OSSC**, in collaboration with **Northrop Grumman Aerospace Systems** and **SPIE**, is serving as the local host for [Mirror Tech Days](#).



Humanlike robots as the ultimate challenge to mimicking biology in a synthetic form
Dr. Yoseph Bar-Cohen, JPL



6PM at Cal State Long Beach. [Chart Room](#)



Humanlike robots as the ultimate challenge to mimicking biology in a synthetic form

Yoseph Bar-Cohen, Senior Research Scientist and Group Supervisor, JPL

Nature is effectively a giant laboratory where trial and error experiments are taking place thru evolution. The successful results are self-maintained and continually evolved to address the changing challenges. For its experiments, nature is using principles of physics, chemistry, mechanical engineering, materials science, and many other fields of science and engineering. Nature inventions inspired human achievements in developing effective methods, materials, processes, algorithms, mechanisms, tools, structures, and systems. The field of technology that is based on inspirations of nature is known as Biomimetics and it offers enormous potential for many exciting future capabilities. There are numerous examples of biomimetic successes including making simple copies, as the fins for swimming, the camera, as well as flying that was inspired by nature. Commercial implementations of biomimetics are increasingly appearing and behaving lifelike and many applications are emerging that are important to our daily life. Making humanlike robots is the ultimate challenge to biomimetics and, for many years, it was considered science fiction, but such robots are increasingly becoming an engineering reality. In this lecture, the state-of-the-art of humanlike robots, potential applications and challenges will be reviewed.



Wednesday, October 9th, 2013

Reception: 6:00

Dinner: 7:00

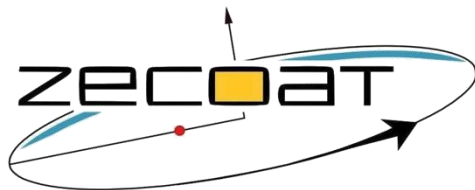
Talk: 8:00

The Chartroom at California State University Long Beach

Register by October 7th at www.osscc.org



- **Located in the Lobby**
- **Provides meeting support:**
 - General questions
 - Onsite Registration
 - Transfer presentations from flash drive to CD
 - Exhibit support (Scott Rowe)
 - Reception (Lisa Belodoff)
- **Plus lots of information about OSSC!**



Reception

Mirror Tech Days 2013



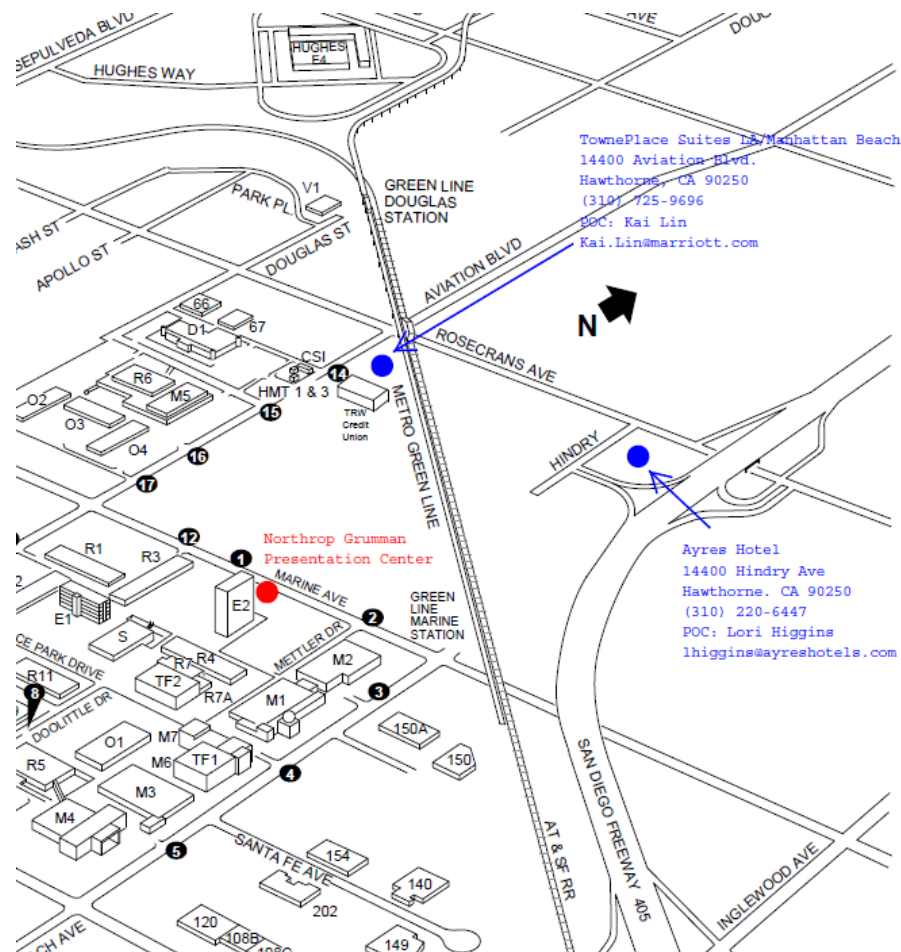
- **When:** Tonight from 7pm to 9pm
- **Where:** Ayres Hotel – Courtyard



- **How to get there** →
- **Food sponsored by all exhibitors**
- **First drink courtesy of**



Thank you!



Thank you

Mirror Tech Days 2013



Thank you for attending Mirror Tech Days.

We hope you have a great time!

