



2018 IEEE SYMPOSIUM ON  
ELECTROMAGNETIC COMPATIBILITY,  
SIGNAL AND POWER INTEGRITY

# COMPANION PROGRAM

WELCOME GUESTS, SPOUSES,  
FRIENDS AND FAMILY



Photo by Richard Georgerian

ENJOY THE PROGRAM OF SCHEDULED  
TOURS AND ACTIVITIES WHILE YOUR  
COMPANION IS IN SESSION

[www.emc2018usa.emcss.org](http://www.emc2018usa.emcss.org)



# GENERAL INFORMATION

## COMPANION CLUB, EXHIBIT HALL, SHOPPING & LOCAL TRANSPORTATION INFORMATION



Photos by Richard Georgerian

### VISIT THE EXHIBIT HALL

- Explore and learn from over a hundred top suppliers
- Enjoy Experiments and Demonstrations
- Visit exhibitor booths to participate in raffles and daily prizes

### EXHIBIT HALL HOURS

**Tuesday, July 31st:** 10:00am-5:00pm

**Wednesday, August 1st:** 9:00am-5:00pm

**Thursday, August 2nd:** 9:00am-12:00pm

### EMC+SIPI 2018 SPECIAL DISCOUNT RATE FOR AQUARIUM OF THE PACIFIC!

Visit the Aquarium of the Pacific for only \$9.00 (regular price \$29.95) after 12:00pm when you present your convention badge at the ticket window.



### KARME SHUTTLE AIRPORT TRANSFERS

Discounts for EMC+SIPI 2018 Attendees to and from your hotel!

Book with Karmel Shuttle Service! Reservations are required, but quick and easy! For reservations within 12 hours of your pick-up time, or to place reservations by phone, please call: Toll free 1-888-995-RIDE (7433)  
**PROMO CODE: "IEEE18" to receive your discount.**



Click on this link to manage your Airport transfers to and from your Hotel!

### COMPANION CLUB ROOM

Paid Companion Club members are welcome to visit the Companion Club Room where a delicious breakfast will be served each morning. There will be packets of information about nearby museums and local attractions with plenty of options for local transportation.

Come join us for breakfast while you visit with old friends and meet new ones. There will also be daily raffles!

**Times: MONDAY - THURSDAY, 7am-10am**

**Location: Beacon Rotunda at the Hyatt Regency Long Beach**

### TRANSPORTATION AT A GLANCE

#### Metro Link:

Take the Metro Blue Line, L.A.'s first light rail transit system which runs from 7th Street in Downtown L.A., to downtown Long Beach.

#### Long Beach Transit:

Take advantage of the city's public transportation services available both on land and water! For only \$1.25, per one-way fare, Long Beach Transit links you up with local destinations such as Belmont Shore, Alamitos Bay and Cal State Long Beach.

#### Passport Shuttle:

The bright red Passport Shuttle offers service to major Long Beach attractions and is free throughout the downtown area and whisks you quickly to downtown's cultural spots. During summer months, you can also hail water taxis, the Aquabus and the Aqualink, with services between the Queen Mary and Alamitos Bay Landing. All shuttles and water taxis are bicycle friendly.

# COMPANION TOURS

Tour Groups will meet in the Companion Club Room 30 minutes before the start of each tour

**MONDAY, JULY 30, 2018**  
9:00am - 1:00pm

## PRINCESS DIANA EXHIBIT

Board the Queen Mary for the final engagement of their Princess Diana Exhibit. Remembered for her charm, compassion, timeless beauty and classic style; Princess Diana continues to be an icon of inspiration to millions of people worldwide. "Diana: Legacy of a Princess" showcases a priceless collection of evening gowns, dresses, personal accessories, photographs, heirlooms and other cherished memorabilia associated with Princess Diana and the Royal Family.

**PRICE: \$86.00 per person**

**INCLUDES:**

- Transportation
- Tour of the Princess Diana Exhibit on the Queen Mary



**TUESDAY, JULY 31, 2018**  
9:00am - 3:00pm

## GETTY CENTER TOUR

A unique destination, the Getty Center incorporates the modern design of architect Richard Meier, with beautiful gardens, open spaces, and spectacular views of Los Angeles. Unique design elements, beautiful gardens, and open spaces. Richard Meier's Getty Center harmoniously unites the parts of the J. Paul Getty Trust, and makes them accessible not only to Los Angeles but to the world.

**PRICE: \$114.00 per person**

**INCLUDES:**

- Transportation
- Tour of the Getty Center
- Box Lunch





**WEDNESDAY, AUGUST 1, 2018**  
9:30am - 3:30pm

**JAPANESE GARDEN & RANCHO LOS ALAMITOS**

**Earl Burns Miller Japanese Garden** Situated on the campus of CSU Long Beach, our 1.3 acre Hill and Pond Japanese-style garden was built through a generous donation from Mrs. Loraine Miller Collins in honor of her late husband Earl Burns Miller. The garden is a hybrid art form that combines typical elements of Japanese garden design within the context of its Southern California location, and the vision of its founder.



**Rancho Los Alamitos** is twice listed on the National Register of Historic Places - once as the sacred Tongva village of Povuu'ngna, the traditional birthplace of the native people of the Los Angeles Basin and, second, for the evolution of its significant historic landscape over time. The site includes traces of the ancestral village, an adobe-core ranch house ca.1800, four acres of lush historic gardens developed during the 1920s and 30s, and the restored working ranch barnyard of the early-mid 20th century. With the opening of the Rancho Center, the film, new exhibits and room environments feature the landscape, the people and the place over time and within the context of the development of the region and the state. This exceptional site reveals the early Tongva presence, the Spanish and Mexican periods, the ranching and farming era, and the imprint of 20th century development. A quintessential place for people to experience the living story of southern California, Rancho Los Alamitos is a microcosm of the region, past to present.

**PRICE: \$121.00 per person**

**INCLUDES:**

- Transportation
- Tour of the Earl Burns Miller Japanese Garden
- Tour of Rancho Los Alamitos

**THURSDAY, AUGUST 2, 2018**  
9:30am - 3:30pm

**HOLLYWOOD BEHIND THE SCENES TOUR**

What's more exciting: stepping into those star-studded shoes on the Walk of Fame, or stepping into the hotel allegedly haunted by Marilyn Monroe? This Tinseltown tour gives you the full treatment, from famous theaters to a storied history. Red Line Tours brings you its most famous tour of Hollywood, taking you "behind the scenes" of the city to show you all the hotspots up-close, and letting you listen to your tour guide at a volume of your choosing over even the most distracting urban noise thanks to a "live audio system" of headsets. The Hollywood Behind-the-Scenes Walking Tour is a great option for anyone who is into history and architecture, as well as the more obvious cinematic appeal of the city. The total walking distance is less than half a mile.

**PRICE: \$140.00 per person**

**INCLUDES:**

- Transportation to Hollywood
- Walking Tour of the Hollywood Walk of Fame
- Box Lunch



WEDNESDAY, AUGUST 1, 2018  
1:00pm - 5:00pm

YOUTH TECHNICAL PROGRAM • PROMENADE 103C

# ATTENTION ALL YOUNG COMPANIONS! JOIN US AS WE EXPLORE HOW EMC IMPACTS THE WAY WE COMMUNICATE.



Photos by Jerry Ramie

YOUTH TECHNICAL PROGRAM



The theme of the Youth Technical Program (YTP) will be Communication. Please join us as we explore how EMC impacts the way we communicate not only around the world, but also with people and spacecraft in outer space.

The YTP will include a curated tour of the exhibitor's hall, a brief presentation introducing key-concepts of electromagnetic compatibility, and a hands-on circuit building activity. Keeping with the theme of Communication, participants will build a model of a Deep Space Network tracking antenna, complete with a built-in motor, allowing the antenna to track objects crossing its path.

The Youth program is recommended for ages 8 to 19. Younger children are welcome if accompanied by an adult or older, responsible sibling.

**Stephanie Zajac**  
Youth Program Chair  
[stephzajac@gmail.com](mailto:stephzajac@gmail.com)



**Sponsored by**  
Bruce Archambeault

**PARTICIPATION IS FREE!**



# SOCIAL EVENTS

Meet and network with top industry professionals

**TUESDAY, JULY 31, 2018**  
8:15am  
**COMPANION SUITE**

**PLEASE JOIN US FOR A MEMORIAL TRIBUTE FOR SUE ARCHAMBEAULT**  
**We will be toasting Sue with a Mimosa and piece of chocolate**  
*RSVP at the Registration Counter so we have an estimate of attendance.*

**TUESDAY, JULY 31, 2018**  
6:00pm - 8:00pm

**WELCOME RECEPTION** • THE COVE AT THE LONG BEACH CONVENTION CENTER

The Welcome Reception is a networking event to socialize and get to know the other attendees. With the symposium in Long Beach, we couldn't pass up the chance to test out some of Southern California's most coveted food trucks. Attendees will have the opportunity to indulge their guilty pleasures with local delicacies in the most basic way. Along with unique So Cal entertainment, we are looking forward to a night of fun, friendship and delicious food.

One ticket to this event is included in all 5-Day technical registrations and the Companion Program registration. Extra tickets for students and guests are available on a first-come, first-served basis for \$90 each or \$40 for youth attendees.



**Cost: \$90 (adult)/ \$40 (Jr)**

**WEDNESDAY, AUGUST 1, 2018**  
6:30pm - 9:30pm

**EVENING GALA** • THE HISTORIC QUEEN MARY

The EMC+SIPI 2018 Gala will be hosted on the historic Queen Mary, an icon in Southern California. Dinner will be served in the Grand Salon, followed by dessert on the Veranda Deck.

One ticket to this event is included in all 5-Day technical registrations EXCEPT student registrations. This is a change from previous years, made to keep student registration costs down. Extra tickets for students and guests are available on a first-come, first-served basis for \$110 each or \$50 for youth attendees.



**Cost: \$110 (adult)/ \$50 (Jr)**

Photo by Richard Georgerian

**THURSDAY, AUGUST 2, 2018**  
12:30pm - 2:00pm

**AWARDS LUNCHEON** • GRAND BALLROOM

The Awards Luncheon is a wonderful opportunity to recognize achievements and network with families and EMC professionals from academia, industry, government, military, and retired sectors. The event will start off with a catered sit-down meal. Afterwards, the EMC Society will take time to recognize members and non-members for their contribution to the Society and for professional excellence.

**The list of anticipated awards:**

- EMC Society President's Memorial Award
- Richard R. Stoddart Award for Outstanding Performance
- Lawrence G. Cumming Award for Outstanding Service
- Hall of Fame Award
- IEEE Fellow Award
- Technical Achievement Award
- Honored Member Award
- Richard B. Schulz Transactions Prize Paper Award
- Motohisa Kanda Award for Most Cited (2011-2016) Transactions on EMC Paper
- Best Symposium Paper Award
- Best Symposium Student Paper Award
- Best Student Design Award
- IEEE James C. Klouda Memorial Scholarship Award
- Chapter Founder Award
- Most Improved Chapter Award
- Chapter of the Year Award
- Symposium Chair Award
- Certificate of Acknowledgement
- Certificate of Recognition
- Certificate of Appreciation

**Cost: \$65 (adult)/ \$40 (Jr)**

THURSDAY, AUGUST 2, 2018  
7:00am

TEAM EMC BIKE RIDE •

MEET IN FRONT  
OF THE HYATT  
AT 6:50AM

## INTERESTED IN EXPLORING SOME OF LONG BEACH, CALIFORNIA ON BIKE WITH YOUR FELLOW EMCS MEMBERS?



Photo by Beth Scully



Interested in exploring some of Long Beach, California on bike with your fellow EMCS members? Join us for the 7th annual Team EMC bike ride and experience the area in a refreshing way. We will host two levels of escorted riding: Leisure and Performance. This year's route includes several options: paved bike path along the beach, surface streets along the Alamitos Peninsula to a turnaround at Alamitos Park, Rainbow Harbor and the Los Angeles River Bike Path. The Performance ride is approximately 20 - 30 miles or about 1.5 to 2.0 hours. Portions of the ride are easily shortened since much of this is an out and back type route, so the Leisure riders will turn around and head back at an agreed upon location.

A Team EMC jersey will be included for 1st-time participants on a first come first serve basis, while quantities last. Rental bikes are available from Cloud of Goods with delivery to the Hyatt on Wednesday night (rental includes a hybrid bike, helmet and lock). Synaptic Cycles offers rentals of higher grade road bikes with delivery and pick-up, but a 4-day minimum rental is required.

**Cloud of Goods -**

[www.cloudofgoods.com/rentals/men-s-hybrid-bike-32](http://www.cloudofgoods.com/rentals/men-s-hybrid-bike-32)

**Phone:** 415-634-9141

**Synaptic Cycles -** [www.synapticcycles.com/los-angeles-county](http://www.synapticcycles.com/los-angeles-county)

**Phone:** 949-374-6079

**It is the responsibility of the rider to arrange the rental. Cycling helmets are required. This is an open ride, so no need to sign up, simply show up ready to ride.**

**For additional information, please contact John LaSalle ([john.lasalle@ieee.org](mailto:john.lasalle@ieee.org)) or Ray Adams ([r.k.adams@ieee.org](mailto:r.k.adams@ieee.org)) or (310) 387-7201**



# THINGS TO DO

# IN LONG BEACH, CALIFORNIA



## NEARBY ATTRACTIONS

- A RAINBOW LAGOON PARK
- B RAINBOW LIGHTHOUSE
- C THE PIKE FERRIS WHEEL
- D LAUGH FACTORY
- E AQUARIUM OF THE PACIFIC
- F HISTORIC OCEAN CENTER BUILDING
- G LONG BEACH SHORELINE MARINA
- H THE QUEEN MARY

## SHOPPING & RESTAURANTS

- 1 THE PROMENADE
- 2 THE PIKE OUTLETS
- 3 PIERPOINT LANDING
- 4 SHORELINE VILLAGE
- 5 THE AULD DUBLINER
- 6 ISLANDS
- 7 ROCK BOTTOM RESTAURANT & BREWERY
- 8 FAMOUS DAVE'S BAR-B-QUE
- 9 TOKYO WAKO
- 10 GLADSTONE'S LONG BEACH
- 11 P.F. CHANG'S
- 12 OUTBACK STEAKHOUSE
- 13 CHILI'S GRILL & BAR
- 14 HOOTERS
- 15 BUBBA GUMP SHRIMP
- 16 BAMBOO BISTRO
- 17 PARKER'S LIGHTHOUSE
- 18 YARD HOUSE