



2nd Global Congress on Microwave Energy Applications
July 23-27, 2012 • Hilton Long Beach • Long Beach, California, USA

CALL FOR PAPERS **ABSTRACT DEADLINE—March 19, 2012**

The Abstract Submission site for the **2nd Global Congress on Microwave Energy Applications** is now open. Don't delay. Visit www.mrs.org/2gcmea-2012 today for details.

WEB SUBMISSIONS ONLY. Abstracts must be submitted via the [Abstract Central](#) site only. E-mail, fax or mail submissions will not be accepted.

Join us for the only microwave conference of 2012! The **2nd Global Congress on Microwave Energy Applications** (2GCMEA 2012), hosted in beautiful Long Beach, California, will feature plenary sessions, parallel topical sessions, poster sessions, an industrial exhibition and short courses. An exclusive dinner aboard the historic Queen Mary, the iconic floating museum, is also included. Mark your calendar today and plan to attend 2GCMEA 2012, where the theme is "EM Solutions for Our Changing World."

2GCMEA 2012 is presented by the Microwave Working Group, together with AMPERE, IMPI, JEMEA and microwave groups from China, India, Russia and Australia. Logistical and operational expertise is provided by the Materials Research Society.

For the most up-to-date information on 2GCMEA 2012, visit www.mrs.org/2gcmea-2012.

SCIENTIFIC PROGRAM

The five-day conference will concentrate on the following four topical categories:

- **Energy/Environment**
Sessions focus on how microwave and RF energy can have an impact on the global environment by creating a greener process, shorter times, waste minimization, process energy devices, energy storage devices and recycling.
- **Microwaves in Every Day Life**
Sessions focus on the impact of microwave/RF energy in our daily lives. Topics include new material processes for polymers, ceramics, metals, transportation, construction, biological, modeling of processes and dielectric data.
- **Chemistry and Medicine**
Sessions focus on microwave/material interactions, material synthesis, nanotechnology, microwave in the medical/dental fields, cell growth, drug delivery and meta-materials.
- **Manufacturing, Equipment and Process Control**
Sessions focus on equipment, measurements, process control, applications (commercial, industrial and research) and modeling.

CONFERENCE VENUE

Long Beach provides the epitome of southern-California living. Over 50-square miles of beach and boardwalk combined with sunshine 345 days of the year makes Long Beach America's favorite playground. This is an ideal conference and vacation destination. In your free time, take a deep-sea adventure with over 1,000 aquatic species at the Aquarium of the Pacific. Enjoy all the fun water activities Long Beach provides—sailing, jet skiing, windsurfing, water skiing, fishing and sunbathing. Add in a lively guided tour through downtown and the colorful East Village, and you've got something for everyone. Nothing else quite compares to the paradise found at beautiful Long Beach, CA

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IMPORTANT DATES

March 19, Abstract Deadline

Late March, Preregistration Opens

July 11, Preregistration Ends

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