



Your Partner in Promoting your
Conference or Technical Event!

CONFERENCE AND TUTORIAL ADVERTISEMENTS

Reach the key technical audience for your conference, Tutorial, or short course

The Great Lakes region of the IEEE publishes announcements for your Conference, Symposium, Workshop or Tutorial, bringing it to the attention of our 10,000+ Members and co-workers in the Detroit/Chicago/Hamilton area. We publish the monthly **Wavelengths Newsletter** (in PDF format), with details about the dozens of monthly Chapter meetings, courses, conferences and workshops. Our **e-Wavelengths website** draws engineers of all disciplines for information on our rich array of electrotechnology events. Our twice-monthly HTML-formatted **e-Wavelengths** – emailed to our membership – highlights our Chapter meetings and seminars, plus upcoming Conferences and their Tutorials and Short Courses.

Our readership includes the “early adoptors” of the internet, autonomous/AI, nano, and biotechnology age – engineers, developers and managers in the greater Great Lakes area. These professionals know how to access web-based sources and they appreciate the “push” technology of our **e-Wavelengths** email newsletter that summarizes dozens of upcoming events (such as your conference) for them. **Increase your attendance among these key engineers and technology managers!**

Our publicity channels can develop anticipation for your conference, with half- and full-page announcements in the months prior to your event, supplemented with summaries in our twice-monthly **e-Wavelengths** emails to our full membership and other engineering professionals. See the following sheets for more information and details.



May 1, 2016 [IEEE SEM - WAVELENGTHS]

IEEE Southeastern Michigan
Society of Electronic Engineers Creating Our Future

Wavelengths

Great Lakes region Electrotechnology Calendar

Section/Chapter Meetings, Webinars:
SEM-Webinar – 5/8 | Training on Digital Modulations – full-day, hands-on, including state-of-the-art, theory, simulation, analysis, exercises (Webinar) [more]
WE-TEMS – 5/13 | Achieving Net Zero Energy Buildings: The Sustainable Future – case study, creating jobs, standards (CloudFast) [more]
EMC – 5/20 | The Grounds for Grounding – Free 1h full-day tutorial and exhibition – standards, grounding, noise, reception (Lynnox) [more]
CS – 7/28 | Hidden “Golcha’s” Most IT Experts Miss in Hybrid Clouds ITRM, multi-platform-deployments, best practices, speed, visibility (Velocity) [more]
Nano – 6/15 | MSU Lab Tours on Nanotechnology – 2 unique research labs, latest cutting edge research (GMA MSU) [more]
CS – 8/23 | Preparing for the Next Generation of Enterprise Applications ITRM, accounting and technology trends, competencies, next-gen applications (Webinar) [more]
CS – 9/15 | Techniques and Tools to Test Smarter in the DevOps World ITRM, software development, agile approach, shorter cycles (Webinar) [more]

Conferences and Seminars:
July 17 | SEM Humanitarian Conference – Training, Governor, Senator, keynote from NSF, Michigan CIO (Livonia) [more]
Oct 12 | 17th Annual IEEE Southeastern Michigan Technology Conference – Keynotes: Roberto de Marco, IEEE Past President, Howard Mohr, IEEE President (Dearborn) [more]
Oct 15 | 7th Annual Soft Error Rate (SER) Workshop – full-day, no-cost, white-ribbon event, radiation-based errors, practice, control, monitor, studies (Livonia) [more]
Oct 27-30 | Big Data TechCon – Training, Tutorials, and Classes – Hardware, Hadoop, graph databases, structured data (Detroit) [more]
Nov 10 | SEM Fall Section Conference – full-day, various topics – Keynote: “Autonomous Vehicles: Their Legacy and Future” (UM Dearborn) [more]
Dec 10-13 | 18th Architecture for Semiconductor Integration and Packaging – 2.5/2D integration, tech progress, trends – Hyatt Regency Detroit [more]

Career Development:
Professional Skills Classes: Manager Time, Transitioning from Individual Contributor to Manager, Using Software for Collaboration, others [more]
RF and Wireless Training: RF Technology Certifications, DSP, Understanding Digital Signal Processing, CMOS RF Circuit Design, others [more]

Positions Available:
Calibration Technicians: 2 positions in Livonia, Calibration Services [more]

Visit our “Upcoming Events” website: www.e-Wavelengths.org
Download our new iOS and Android Apps from the App Stores

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We invite you to review the placements available to you for one low bundled cost, and to contact our staff for artwork preparation and review!

Benjamin Doerr, IEEE SE Michigan Section
e-Wavelengths Editor and Section Communications Director

Phone 999-555-1212

Email: b.doerr@ieee.org

Visit us: www.e-Wavelengths.org



Publicize your upcoming Conference and its Tutorials in the **Wavelengths.pdf**, on our **Wavelengths website**, and in our twice-monthly **e-Wavelengths** announcements. Reach professionals in the greater Great Lakes area, including 8,000+ engineers who are local Members of the Institute of Electrical and Electronics Engineers!

Your contract can include:

- Full- or half-page announcements in our **Wavelengths.pdf** for your selected months
- A summary in our **e-Wavelengths** emailed Newsletter (twice a month, to all Members)

“A” rates: events financially sponsored by a local IEEE Chapter or Section

“B” rates: events financially sponsored by IEEE entities without a local presence

“C” rates: non-IEEE events

(prices in US\$)

		Rate Class →	"A"	"B"	"C"
Bundled Packages (note 3)					
#1	Conference Special: Two Wavelengths.pdf pages (eg, Advance Prgm or Final Notice); Conf Calendar on the e-Wavelengths website; summary column in e-Wavelengths 2X/month (4 issues) of the e-Wavelengths email to our membership (if priced separately) →→→ Add a page and summary for your Call for Papers: \$250 more	\$600	\$900 (\$1,500)	\$1,200 (\$2,000)	\$1,450 (\$1,600)
#2	Conference Special: same as #1 except two half-page Wavelengths.pdf ads (if priced separately) →→→	\$500	\$750	\$1,000 (\$1,600)	
Wavelengths.pdf (monthly PDF Newsletter, posted on first day of month)					
	One page in Wavelengths.pdf with active link (for one month)	-	\$450	\$600	
	Half page in Wavelengths.pdf with active link	-	\$300	\$400	
e-Wavelengths and website Calendar only (to 10,000 IEEE Members, guests in Great Lakes region)					
	4 e-Wavelengths summaries & 4 appearances in e-Wavelengths Calendar (2 months)	\$400	\$600	\$800	
Website Listing					
	Fixed banner ad on e-Wavelengths Home Page + Calendar page (/mo)	\$300	\$450	\$600	
	Rotating banner ad on e-Wavelengths Home Page + Calendar page (/mo)	\$200	\$300	\$400	

Notes:

1. We prefer to do ad layout, based on information on your website, or on your PDF or WORD submittals. Graphic components should be JPG, GIF, TIFF, or PNG. Content must meet applicable deadlines.
2. **Wavelengths.pdf** page size is 7-3/8 x 9-1/2, half-page is 7-3/8 x 4-3/4, to allow for our format and borders.
3. Events wishing a BUNDLED PACKAGE may make arrangements directly with Benjamin Doerr. The event will not be due a refund for contracted but unused space; however, a credit will be issued for comparable space for a future insertion, good for a period not to exceed six months beyond the date of the event that was originally planned. With bundled packages, we anticipate that many events will decline one or more of the offered services but accept the bundle to obtain discounted pricing.
4. Contracting for publication services does not imply sponsorship of the event or service by the SE Michigan Section or by the IEEE, or allow use of the SEM or IEEE logos or names. Such sponsorship arrangements must be coordinated through the IEEE organizational unit.

For examples of Conference announcements, see the next sheets.

For a recent copy of our **e-Wavelengths** meeting announcement email, use this URL:

www.e-wavelengths.org/post/ew1611a.html

For a PDF of this **Conferences** flyer to circulate to your Conference Committee, use this URL:

www.e-wavelengths.org/docs/conf-flyer.pdf

more

Rev. A (11/02/16)

CALL FOR PAPERS
Thirty-Eighth Annual Asilomar Conference on
Signals, Systems, and Computers

Asilomar Hotel and Conference Grounds, Pacific Grove, California
 November 7-10, 2004
 URL: www.navy.mil/~asilomar or www.asilomar.asilomar.com

Authors are invited to submit papers in the following categories:

A. Communications Systems and Networking

1. Bit Rate Detection and Correction, 2. Signal Representation and Spectral Analysis, 3. CDMA, 4. Modulation and Detection, 5. Performance Bounds, 6. Synchronization, 7. Ultra Wideband, 8. OFDM / Multicarrier, 9. Networks, 10. Wireless Communications, 11. Optical Communications

B. Adaptive Systems and Processing

1. Adaptive Filtering, 2. Adaptive Signal Processing, 3. Adaptive Beamforming, Adaptive Techniques for Communications, 4. Intelligent Hearing Aids

C. Array Processing and MIMO

1. Array Processing, 2. Array Processing for Wireless Communications, 3. Sensor and Antennal Array Processing, 4. Radar Array Processing, 5. MIMO / Space-time Coding

D. Biomedical Signal and Image Processing

1. Medical Image Analysis, 2. Imaging Modalities, 3. Advances in Medical Imaging, 4. Biomedical Signal Processing, 5. Biomedical Applications, 6. Bioinformatics, 7. Image Registration and Multi-modal Imaging, 8. Image Reconstruction, 9. Computer Aided Diagnosis, 10. Functional Imaging, 11. Visualization

E. Signal Processing Algorithms and Applications

1. DSP in Wireless Communications, 2. Radar and Sensor Signal Processing, 3. Efficient DSP, 4. Low-Rate Signal Processing, 5. Cooperative Analog / Digital Signal Processing, 6. Multimedia Signal Processing, 7. Multisensor / Multirate Signal Processing

F. Architecture and Implementation

1. FPGA Implementation, 2. ASIC Implementation, 3. VLSI Implementation, 4. Computer Architecture, 5. Nonlinear Processing, 6. Architecture for Multimedia, 7. Security

G. Speech, Image and Video Processing

1. Speech Processing, 2. Speech Coding, 3. Speech Recognition, 4. Neurological / Widened Speech and Audio Coding, 5. Document Processing, 6. Mathematical Methods for Signal and Image Processing, 7. Image and Video Coding, 8. Image and Video Segmentation, 9. Image and Video Analysis, 10. Image / Video Security, Retrieval and Watermarking, 11. Image and Video Enhancement / Filtering, 12. Biometrics and Security

H. Tools and Strategies for Education

Prospective authors are invited to submit a 50 to 100 word abstract and an extended summary (500 to 1000 words, plus figures). Submissions must include the title of the paper, each author's name and affiliation, and the technical area (in which the paper falls with number) from the above list. Please visit the conference website (www.navy.mil/~asilomar, www.asilomar.asilomar.com) for specific information on the electronic submission process. **No more than FOUR submissions are allowed per contributor, as an author or co-author.** All submissions must be received by **June 1, 2004**. Notifications of acceptance will be mailed by late August 2004, and author information will be available on the conference website by mid-September 2004. Full papers will be due at the conference and published in the spring of 2005. All technical questions are to be directed to the Technical Program Chair, Dr. Saeed T. Awwa, e-mail: saaw@jagmail.edu, or the General Chair, Dr. Keith A. Teege, e-mail: teege@okstate.edu.

CONFERENCE COMMITTEE

General Chair: Keith A. Teege, *OK State University*
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The site for the 2004 Conference is at the Asilomar Conference Grounds, in Pacific Grove, CA. The grounds border the Pacific Ocean and are close to Monterey, Carmel, and the scenic Seventeen Mile Drive in Public Beach.

The Conference is organized in cooperation with the Naval Postgraduate School, Monterey, CA, Mission Research Corporation, Monterey, CA, and the IEEE Signal Processing Society.

MARCH 2004
IEEE GRID 2004

← Start with your **Call for Papers**, letting our engineers know that you will be in the Great Lakes area, and giving our Members a profile of the Conference's focus.

Embedded Systems Conference
 Silicon Valley April 3-7

Military Convention Center
San Jose, CA

Visit www.embedded.com/esc/sv Five Days. One Location. Endless Possibilities.

It's where great minds come looking for solutions and where solutions meet great minds. No matter what your role is in creating the technology of tomorrow, the Embedded Systems Conference is the place to start.

All of our special events are free to registered attendees and range from keynote addresses to networking opportunities, from receptions to panel discussions, all designed to enrich your event experience. Having everyone and everything in one place at one time means comparing solutions is as easy as walking from one booth to the next.

Keynote Address:
 Dean Kamen, inventor and entrepreneur
 Tues April 4, Noon - 1:00 PM

Panel Discussions:
 Flash Memory: NOR vs. NAND or Code vs. Data
 Wednesday, April 5, 7:00 - 10:00 AM
 Engineering Humanity: Technical Education in Crisis
 Thursday, April 6, 10:00 - 11:00 AM
 WinWin Partnership of Academia and Industry
 Thursday, April 6, 5:15 - 6:15 PM

Plus Attendee Castro Night Reception
 Wednesday, April 5, 7:00 - 10:00 PM (see in advance, \$95 cover)

IEEE Times ACE Awards
 Honoring people, companies, and products

Register now to ensure your participation!

Co-located Events (see [NEXT PAGE](#) for details):

- 12th IEEE Real-Time and Embedded Technology and Applications Symposium
- D2M Conference

Flexible Registration Packages

- 1-day, 2-day, 3-day, full 5-day, or the ePass value
- Free Exhibits Pass (includes Keynote and Panels)
- Choose exactly what suits your needs and schedule
- Group rates - bring your team (save up to 35%)

Register by **February 7th** for early-bird rates!

Microprocessor Summit (Monday) - joined new-product introductions in AM, tracks on shipping products in PM
 Ride light rail to the Convention Center in downtown San Jose

Visit www.embedded.com/esc/sv for full details

Use one or more full pages to publicize your **Advance Program**, keynote speakers, tutorials, and conference highlights. →

BigData TECHCON

October 27-20, 2015
Hyatt Regency, Detroit

Attend Big Data TechCon — the best Big Data Training, Tutorials, and Classes, in the World!

Big Data TechCon is the HOW-TO conference for Big Data. Practical classes and tutorials for IT and Big Data professionals — Hadoop, Map/Reduce, R, Hive, Pig, NoSQL, MongoDB, Cassandra and more.

Big Data TechCon is technology-agnostic and will apply to organizations using relational databases, NoSQL databases, graph databases, unstructured data, flat files and data feeds.

Learn how to

- Collect, sort and store structured and

Tutorials:

- Clear Data Graphics with Illustrations in R
- Hadoop: A One-Day, Hands-On Crash Course
- Hands-on Intro to Apache Spark
- Intro to Neo4j
- Data Structures and Algorithms for Big Databases
- The Building Blocks of Storm Trident Deployment
- Apache Cassandra, An Intro
- Intro to Machine Learning in Scalding
- NoSQL for SQL Professionals ... plus more.

More than 30 technical classes.

\$200 off with code "IEEE"

GLOBAL HUMANITARIAN TECHNOLOGY CONFERENCE

October 10-13, 2015
Holiday Inn, Dearborn

IEEE has a strong focus on applying technology for the benefit of humanity. GHTC has these goals:

- Foster exchange of information and networking in the humanitarian field
- Focus attention of businesses on emerging market opportunities and related technology enablers
- Impact in positive and meaningful ways the lives of disadvantaged billions of people around the world

GHTC 2014 Topics:

- Health, Medical Technology, Telemedicine
- Disaster Warning, Avoidance, and Response
- Water Planning, Availability and Quality, Sanitation
- Power Infrastructure/Off-grid Power/Renewable and Sustainable Energy
- Connectivity and Communications Technologies (data/voice) for Remote Locations

Liberty Labs, Inc.

World Cal, Inc.

ISOCAL

provides a one-stop solution for all of calibration needs, from mechanical, general electronic instrumentation to instrumentation. In addition to East Coast locations, we are now offering offices at our new Pleasanton location or throughout the midwest US. We years of experience in the field of service to our current customer base. Contact Mike Howard at 712-773-2199 or oward@liberty-labs.com for more quotes on your calibration services.

Calibration Technicians Wanted

Liberty Calibration Corps (Liberty Labs, World Cal, and ISOCAL) **has immediate openings** for experienced electronic technicians at its Livonia location. **Must have at least 5 years of experience, and a good working knowledge of ISO 17025.** Calibrations range from general electronic instrumentation to RF/Microwave, EMI/EMC, Medical, Avionics, and Mechanical/Dimensional. Please send resume along with 5 references to Mike Howard, President, at mhoward@liberty-labs.com.

Liberty Labs
www.liberty-labs.com

IEEE Future Directions Committee

IEEE Technology Time Machine
IEEE Symposium on Technologies Beyond 2035

October 21-22, 2014
Univ of Michigan

Our objective is to globally predict the interplay science, technology, society, and economics may have on one another. Multiple future technologies will be discussed interactively between attendees and speakers. IEEE is bringing world-renowned experts to present a 2035 vision for each of the six areas described below -- covering a wide synergistic range of business, social, political, and educational areas. Two expert challengers will further examine the vision and provide a discourse that extends to participant roundtable discussions followed by an interactive readout for all to partake in.

PLAN NOW TO ATTEND AND PARTICIPATE!

For full information, and to read pre-symposium abstracts, visit:
ttm.ieee.org

e-Wavelengths CONFERENCE PUBLICITY WORKSHEET

Conference Name & dates	
Conference hotel & city	
Conference website (URL)	
Contact – Name & email	
Contact – Phone & FAX	
Local Sponsor (for “B” rate)	<input type="checkbox"/> Great Lakes Chapter: _____ (“A” rate) <input type="checkbox"/> IEEE Society: _____ (“B” rate)
Package Selection	<input type="checkbox"/> Bundle #1 <input type="checkbox"/> Bundle #2
or Individual Selections:	
Anticipated months for placements	<input type="checkbox"/> CFP: _____ <input type="checkbox"/> AdvPrgm Notice: _____ <input type="checkbox"/> Final Notice: _____ Other: _____
For approvals:	<input type="checkbox"/> FAX to _____ <input type="checkbox"/> Email PDF to: _____
Notes:	

Email or FAX to Benjamin at b.doerr@ieee.org, +1-999-555-1212

Focused Placement – Choices of Technology Area:

(choose up to three – rank “1”, “2”, and “3” if desired)

- | | |
|---|---|
| <ul style="list-style-type: none"> <input type="checkbox"/> Antennas & Propagation <input type="checkbox"/> Circuits and Systems <input type="checkbox"/> Communications, SDNs <input type="checkbox"/> Computational Intelligence <input type="checkbox"/> Computers, Software, Cloud Computing <input type="checkbox"/> SE Michigan Consultants Network <input type="checkbox"/> Consumer Electronics <input type="checkbox"/> Control Systems <input type="checkbox"/> Cybersecurity <input type="checkbox"/> Education <input type="checkbox"/> Electromagnetic Compatibility <input type="checkbox"/> Electron Devices <input type="checkbox"/> Engng in Medicine, Biology, Life Sciences <input type="checkbox"/> Industrial Electronics <input type="checkbox"/> Industry Applications <input type="checkbox"/> Information Theory <input type="checkbox"/> Instrumentation & Measurement <input type="checkbox"/> Internet Technology & IoT <input type="checkbox"/> Magnetics | <ul style="list-style-type: none"> <input type="checkbox"/> Microwave Theory & Techniques <input type="checkbox"/> Nanotechnology <input type="checkbox"/> Nuclear & Plasma Sciences <input type="checkbox"/> Photonics and Photovoltaics <input type="checkbox"/> Power Electronics <input type="checkbox"/> Power and Energy <input type="checkbox"/> Product Safety Engineering <input type="checkbox"/> Reliability <input type="checkbox"/> Robotics and Automation <input type="checkbox"/> Signal Processing <input type="checkbox"/> Smart Cities, Smart Grid <input type="checkbox"/> Solid State Circuits <input type="checkbox"/> Technology & Engineering Management <input type="checkbox"/> Transportation Electrification <input type="checkbox"/> Vehicular Technology, V2V Systems <input type="checkbox"/> Women in Engineering <input type="checkbox"/> Young Professionals <input type="checkbox"/> Across All Groups |
|---|---|

For information on the Field of Interest of each, see www.ieee.org/societies