

EVENT AUDIT

2013 IEEE MTT-S International Microwave Symposium



International Microwave Symposium IEEE 2-7 June 2013, Seattle, WA MTT-S

DATES OF EVENT:

Conference: June 2 – 7, 2013
Exhibits: June 4 – 6, 2013

LOCATION:

Washington State Convention & Trade Center, Seattle, WA

EVENT PRODUCER/MANAGER:

Company Name: Institute for Electrical & Electronics Engineers – Microwave Theory and Techniques Society (IEEE MTT-S)
Address: 1721 Boxelder St. Ste. 107
Louisville, CO 80027
Phone: (303) 530-4562
Website (Show): <http://www.ims2013.org>

REGISTRATION COMPANY:

MP Associates, Inc.

YEAR EVENT ESTABLISHED:

1959

FREQUENCY:

Annual

DATES OF NEXT EVENT:

Conference: June 1 – 6, 2014
Exhibits: June 3 – 5, 2014

LOCATION:

Tampa Convention Center, Tampa, FL

1. STATEMENT OF MARKET SERVED

Engineers and researchers developing technologies to support wireless communication, radar, RF technologies, high frequency semiconductors, electromagnetics, commercial and military RF, microwave and mm-wave electronics and applications.

Qualified attendees include senior management, engineering management, engineers, and R & D personnel employed in the private sector or by the government/military.

2. STATEMENT OF VERIFICATION METHODOLOGY

All badges were printed on site, at which point the attendee was entered into the system as verified.

3. AUDITED ATTENDEE ANALYSIS

YEAR EVENT HELD	EVENT LOCATION	TOTAL CONFERENCE ATTENDEES	TOTAL EXHIBITS ONLY ATTENDEES	SUB-TOTAL CONFERENCE & EXHIBITS ONLY ATTENDEES	SPEAKERS*	MEDIA	EXHIBITORS, NON-EXHIBITING SPONSORS AND THEIR SUPPORT STAFF**	Total
2009	Boston	2,723	1,482	4,205	--	21	4,106	8,332
2010	Anaheim	2,325	2,095	4,420	--	24	4,143	8,587
2011	Baltimore	2,294	1,907	4,201	--	31	4,220	8,421
2012	Montreal	2,599	1,463	4,062	--	35	3,568	7,665
2013	Seattle	2,312	1,395	3,707	--	38	3,760	7,505

* Included as Conference Attendees. ** Not audited. Count supplied by Show Management.

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4. PRIMARY END PRODUCT/SERVICE

PRIMARY END PRODUCT/SERVICE	TOTAL ATTENDEES	PERCENT OF TOTAL	PERCENT PROVIDING PRIMARY END PRODUCT
Communications Systems, Equipment	541	14.4	15.1
Wireless (WiFi, WiMAX, UWB)	370	9.9	10.3
Optoelectronics and Photonics	65	1.7	1.8
Government - Military	205	5.5	5.7
Government - Other	147	3.9	4.1
Defense Electronics	338	9.0	9.4
Medical Electronics	115	3.1	3.2
Navigation/Telemetry/GPS Systems	32	0.9	0.9
Industrial Automation/Control Systems	25	0.7	0.7
Transportation (Automotive/Aviation)	14	0.4	0.4
Consumer Electronics	40	1.1	1.1
Computers or Peripherals	25	0.7	0.7
Test & Measurement	363	9.7	10.1
Components/Hardware	409	10.9	11.4
Data Transmission	7	0.2	0.2
Semiconductors & ICs	652	17.4	18.1
Materials	72	1.9	2.0
Services	72	1.9	2.0
Software	75	2.0	2.1
Retiree	26	0.7	0.7
Total Conference and Exhibit Only Attendees Providing this Information	3,592	95.9	100.0
Total Conference and Exhibit Only Attendees Not Providing this Information	153	4.1	--
TOTAL CONFERENCE AND EXHIBIT ONLY ATTENDEES	3,745	100.0	100.0

5. PRIMARY JOB FUNCTION

PRIMARY JOB FUNCTION	TOTAL ATTENDEES	PERCENT OF TOTAL	PERCENT PROVIDING PRIMARY JOB FUNCTION
Executive/Senior Management	296	15.4	15.7
Engineering Management	295	9.2	9.3
Design Engineering	631	16.5	16.7
Engineering Services	67	1.6	1.7
Manufacturing/Production Engineering	52	1.3	1.3
Application Engineer	59	2.3	2.3
Procurement/Purchasing	59	1.5	1.6
Professor / Research - Academic	657	12.6	12.8
Research & Development - Government	92	3.3	3.4
Research & Development - Industry	310	7.2	7.3
Student	702	12.4	12.5
Financial or Industry Analyst	15	0.2	0.2
Editor/Publisher	18	1.1	1.1
Marketing/Sales	295	10.9	11.1
Consultant	92	1.9	1.9
Retiree	52	1.1	1.1
Total Conference and Exhibit Only Attendees Providing this Information	3,692	98.6	100.0
Total Conference and Exhibit Only Attendees Not Providing this Information	53	1.4	--
TOTAL CONFERENCE AND EXHIBIT ONLY ATTENDEES	3,745	100.0	100.0

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6. PRODUCTS AND/OR SERVICES YOU RECOMMEND, PURCHASE, OR INFLUENCE THE PURCHASE OF

PRODUCTS AND/OR SERVICES YOU RECOMMEND, PURCHASE, OR INFLUENCE THE PURCHASE OF	TOTAL ATTENDEES	PERCENT OF TOTAL
Active Components	1,993	53.5
Antennas	1,308	35.1
Control Components	693	18.6
Materials	1,185	31.8
Manufacturing Equipment	555	14.9
Optoelectronics & Fiber-Optics	432	11.6
Passive Components	2,101	56.4
Semiconductors/Integrated Circuits	1,602	43.0
Services	555	14.9
Signal Processing Components	741	19.9
Software & CAD	1,643	44.1
Subsystems & Systems	637	17.1
Test Equipment and Instruments	1,979	53.1
Transmission-Line Components	999	26.8
Consultant Services	440	11.8
Not Applicable	466	12.5
Total Conference and Exhibit Only Attendees Providing this Information	3,726	100.0
Total Conference and Exhibit Only Attendees Not Providing this Information	--	--
TOTAL CONFERENCE AND EXHIBIT ONLY ATTENDEES	3,745	100.0

Multiple responses allowed, hence total number of responses exceeds the total attendance and category counts should not be added together.

7. FREQUENCY RANGE OF YOUR PRIMARY WORK

FREQUENCY RANGE OF PRIMARY WORK	TOTAL ATTENDEES	PERCENT OF TOTAL	PERCENT PROVIDING FREQUENCY RANGE
RF	1305	34.8	35.1
Microwave	1665	44.5	44.6
Millimeter-wave	492	13.1	13.2
Terahertz	78	2.1	2.1
Other	186	5.0	5.0
Total Conference and Exhibit Only Attendees Providing this Information	3,726	99.95	100.0
Total Conference and Exhibit Only Attendees Not Providing this Information	19	.05	--
TOTAL CONFERENCE AND EXHIBIT ONLY ATTENDEES	3,745	100	100

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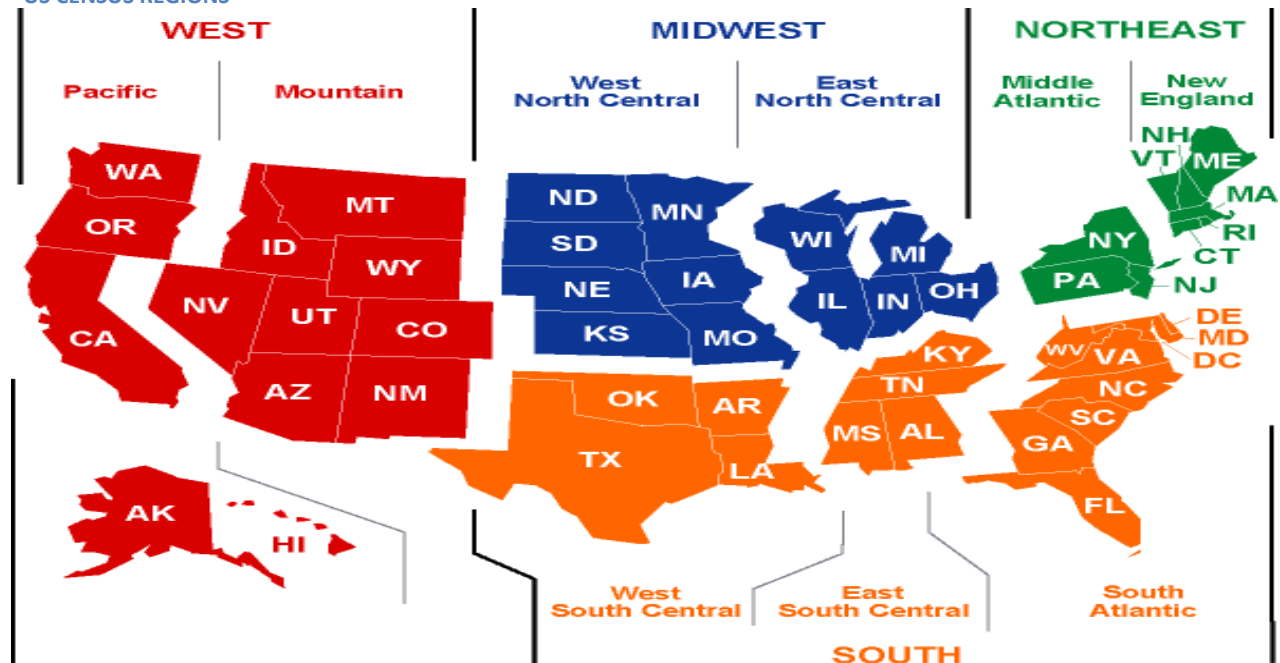
2013 IEEE MTT-S International Microwave Symposium

8. AUDITED GEOGRAPHIC BREAKOUT OF CONFERENCE AND EXHIBIT ONLY ATTENDEES

STATE	TOTAL	PERCENT
NEW ENGLAND	338	8.32%
Maine	6	
New Hampshire	46	
Vermont	27	
Massachusetts	221	
Rhode Island	10	
Connecticut	28	
MIDDLE ATLANTIC	277	6.82%
New York	134	
New Jersey	89	
Pennsylvania	54	
EAST NORTH CENTRAL	120	2.95%
Ohio	36	
Indiana	24	
Illinois	28	
Michigan	25	
Wisconsin	7	
WEST NORTH CENTRAL	37	0.91%
Minnesota	19	
Iowa	8	
Missouri	6	
North Dakota	-	
South Dakota	-	
Nebraska	-	
Kansas	4	
SOUTH ATLANTIC	224	5.51%
Delaware	-	
Maryland	52	
District of Columbia	6	
Virginia	39	
West Virginia	-	
North Carolina	45	
South Carolina	4	
Georgia	21	
Florida	57	

STATE	TOTAL	PERCENT
EAST SOUTH CENTRAL	13	0.35
Kentucky	0	
Tennessee	6	
Alabama	6	
Mississippi	1	
WEST SOUTH CENTRAL	138	3.68
Arkansas	1	
Louisiana	2	
Oklahoma	4	
Texas	131	
MOUNTAIN	166	4.43
Montana	-	
Idaho	5	
Wyoming	-	
Colorado	57	
New Mexico	10	
Arizona	79	
Utah	5	
Nevada	10	
PACIFIC	1,209	32.28
Alaska	-	
Washington	356	
Oregon	171	
California	668	
Hawaii	14	
UNITED STATES	2,371	63.31
INTERNATIONAL	1,374	36.69
Canada	154	4.11
Mexico	6	0.16
Outside North America	1,398	34.42
Not Providing this Information	-	-
Total Conference & Exhibit Only Attendees	3,745	100.0

US CENSUS REGIONS



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8A. AUDITED BREAKOUT OF ALL CONFERENCE AND EXHIBITS ONLY ATTENDEES OUTSIDE NORTH AMERICA

COUNTRY	CODE	TOTAL	PERCENT	COUNTRY	CODE	TOTAL	PERCENT
United Arab Emirates	AE	1	0.03	Japan	JP	156	4.17
Netherlands Antilles	AN	3	0.08	North Korea	KP	1	0.03
Austria	AT	16	0.43	South Korea	KR	145	3.87
Australia	AU	17	0.45	Macau	MO	1	0.03
Belgium	BE	13	0.35	Mexico	MX	6	0.16
Brazil	BR	5	0.13	Malaysia	MY	1	0.03
Canada	CA	154	4.11	Netherlands	NL	38	1.01
Switzerland	CH	10	0.27	Norway	NO	5	0.13
Chile	CL	2	0.05	New Zealand	NZ	1	0.03
China	CN	94	2.51	Philippines	PH	2	0.05
Cyprus	CY	1	0.03	Pakistan	PK	1	0.03
Czech Republic	CZ	4	0.11	Poland	PL	8	0.21
Germany	DE	139	3.71	Portugal	PT	10	0.27
Denmark	DK	7	0.19	Serbia	RS	1	0.03
Egypt	EG	3	0.08	Russian Federation	RU	10	0.27
Spain	ES	48	1.28	Saudi Arabia	SA	3	0.08
Finland	FI	10	0.27	Sweden	SE	46	1.23
France	FR	70	1.87	Singapore	SG	21	0.56
Great Britain	GB	60	1.60	Slovenia	SI	1	0.03
Greece	GR	2	0.05	Thailand	TH	1	0.03
Hong Kong	HK	13	0.35	Turkey	TR	11	0.29
Ireland	IE	12	0.32	Trinidad and Tobago	TT	2	0.05
Israel	IL	64	1.71	Taiwan	TW	75	2.00
India	IN	15	0.40	Ukraine	UA	2	0.05
Iceland	IS	1	0.03	South Africa	ZA	5	0.13
Italy	IT	56	1.50	Kanagawa		1	0.03
TOTAL Conference & Exhibit Attendance Outside North America						1,313	35.06
TOTAL North America						2,371	63.31
Not Providing this Information						--	--
Total Conference & Exhibit Attendance						3,745	100.00

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International Microwave Symposium
IEEE 2-7 June 2013, Seattle, WA MTT-S

IMS - RFIC - ARFTG Registration Form

Seattle, WA, Washington State Convention Center - 2 - 7 June, 2013

1 Attendee Information

First Name

Last Name

Company

Title

Street

City

Mail Stop

State

Postal Code

Country

Email

Secondary Email

Telephone

IEEE Membership #

Member of: MTT-S ARFTG

2 Attendee Survey

1) What is your principal job function?

101 Executive/Senior Management
 102 Engineering Management
 103 Design Engineering
 104 Engineering Services
 105 Manufacturing/Production Engineering
 106 Application Engineer
 107 Procurement/Purchasing
 108 Professor/Research - Academic
 109 Research & Development - Government
 110 Research & Development - Industry
 111 Student
 112 Financial or Industry Analyst
 113 Editor/Publisher
 114 Marketing/Sales
 115 Consultant
 116 Retiree

2) What primary end product or service do you work on?

201 Communication systems, equipment
 202 Wireless (WiFi, WiMAX, UWB)
 203 Optoelectronics and Photonics
 204 Government - Military
 205 Government - Other
 206 Defense Electronics
 207 Medical Electronics
 208 Navigation/telemetry/GPS systems
 209 Industrial automation/control systems
 210 Transportation (Automotive/Aviation)
 211 Consumer Electronics

212 Computers or peripherals
 213 Test & Measurement
 214 Components/Hardware
 215 Data Transmission
 216 Semiconductors & ICs
 217 Materials
 218 Services
 219 Software
 220 Other _____

3) Which products and/or services in the following areas do you recommend, purchase or influence the purchase of?
(Answer all that apply)

301 Active Components
 302 Antennas
 303 Control Components
 304 Materials
 305 Manufacturing Equipment
 306 Optoelectronics & Fiber-Optics
 307 Passive Components
 308 Semiconductors/Integrated Circuits
 309 Services
 310 Signal Processing Components
 311 Software & CAD
 312 Subsystems & Systems
 313 Test Equipment and Instruments
 314 Transmission-Line Components
 315 Consultant Services
 316 Not Applicable

4) At what frequency is your primary work?

401 RF
 402 Microwave
 403 Millimeter-wave
 404 Terahertz
 405 Other _____

5) Number of engineers in your organization

501 10 or fewer
 502 11 to 40
 503 41 to 100
 504 More than 100

6) Is this the first time you have attended International Microwave Week?

601 Yes
 602 No

7) Are you an MTT member?

701 Yes
 702 No

I would you like to receive emails from:

IEEE and MTT-S Industry

IMS provides an email list of attendees to exhibitors. If you do NOT want to receive this correspondence, check here:

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REGISTRATION FORM: page 2

3 Registration Pricing

	IEEE or ARFTG Membership		Non-Member	Cost
	Member	Student, Retiree, Life Member		
Superpass All IMS, RFIC, & ARFTG Sessions, Awards Banquet, & All Workshop CD (RFIC/IMS) plus Full Day (or 2 Half Day) Workshop Attendance	<input type="radio"/> \$1345	<input type="radio"/> \$840	<input type="radio"/> \$2000	\$ _____
IMS				
All IMS Sessions	<input type="radio"/> \$575	<input type="radio"/> \$100	<input type="radio"/> \$850	\$ _____
All IMS Sessions Student Non-Member			<input type="radio"/> \$165	\$ _____
Single Day Registration Select day: <input type="radio"/> Tuesday <input type="radio"/> Wednesday <input type="radio"/> Thursday	<input type="radio"/> \$290		<input type="radio"/> \$435	
RFIC Symposium				
All RFIC Sessions	<input type="radio"/> \$280	<input type="radio"/> \$200	<input type="radio"/> \$415	\$ _____
ARFTG Conference				
All ARFTG Sessions	<input type="radio"/> \$290	<input type="radio"/> \$195	<input type="radio"/> \$435	\$ _____
Wireless Industry Day Wednesday Only	<input type="radio"/> \$225	<input type="radio"/> \$155	<input type="radio"/> \$295	\$ _____
Exhibition				
Exhibition Only Pass	<input type="radio"/> \$30	<input type="radio"/> \$30	<input type="radio"/> \$30	\$ _____
Wednesday Exhibition Only Pass	<input type="radio"/> FREE	<input type="radio"/> FREE	<input type="radio"/> FREE	\$ _____
Guest Badge Guest Information:	<input type="radio"/> \$40		<input type="radio"/> \$40	\$ _____

First Name _____ Last Name _____ Email _____

4 Extra Proceedings & Digests

IMS Electronic Proceedings (EP) USB	# _____ x \$70	# _____ x \$105	\$ _____
RFIC Digest	# _____ x \$70	# _____ x \$105	\$ _____
RFIC EP USB	# _____ x \$70	# _____ x \$105	\$ _____
ARFTG EP USB	# _____ x \$70	# _____ x \$105	\$ _____

5 Events

Awards Banquet (Wednesday Night)	# _____ x \$75	# _____ x \$75	\$ _____
RFIC Reception Only	# _____ x \$50	# _____ x \$70	\$ _____
Thursday Night Event	# _____ x \$55	# _____ x \$55	\$ _____

6 Workshops and Short Courses Please select from the following:

Full Day Workshops: WSB WSD WSG WSH WSK WSN WSO WMA WMC WMD WME WFA WFB WFC
 WFE WFF WFH WFI WFJ WFK

Half Day Workshops: WSA WSC WSE WSF WSI WSJ WSL WSM WMB WMF WFL

Full Day Short Course: SC2 SC4 SC5 SC6 SC7 SC8 SC9 SC10 SC11 SC12

	IEEE or ARFTG Membership		Non-Member	Cost
	Member	Student, Retiree, Life Member		
Full Day Workshops	# _____ x \$225	# _____ x \$155	# _____ x \$335	\$ _____
Half Day Workshops.....	# _____ x \$115	# _____ x \$80	# _____ x \$170	\$ _____
Full Day Short Course.....	# _____ x \$390	# _____ x \$270	# _____ x \$585	\$ _____
Printed Notes <small>(while supplies last)</small>	# _____ x \$30	# _____ x \$30	# _____ x \$45	\$ _____
Half Day Short Course.....	# _____ x \$270	# _____ x \$190	# _____ x \$405	\$ _____
2 Full day workshops or equivalent <small>(Includes All 3 Days of Workshop USB Proceedings)</small>	# _____ x \$595	# _____ x \$405	# _____ x \$880	\$ _____

7 Card Number _____ Expiration Date _____ / _____ Total Remittance: \$ _____

MasterCard Visa American Express Security Code _____ Signature: _____

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2013 IEEE MTT-S International Microwave Symposium



STATEMENT OF CERTIFICATION – AUDIT CONDUCTED BY AUDIENCE INSIGHTS

We have carefully examined the attendee records of the 2013 IEEE MTT-S International Microwave Symposium held in Seattle, Washington. The audit process includes pre-event review of the registration and event access process, post event confirmations of attendance and attendee demographics, examination of accounting records, and any other auditing procedures considered appropriate or necessary. This audit complies with the standards set forth by the Exhibition and Event Industry Audit Commission (EEIAC), a not for profit commission organized for the purpose of managing and overseeing the exhibition industry's independent audit process.

Based on our review and analysis, the statements set forth in this report fairly and accurately present the total attendance of this event in conformance with generally accepted event measurement practices.

Audience Insights

Framingham, MA