



IMS '98 Steering Committee Report - September 20-21, 1997

Steven N. Stitzer, Chairman

Technical Program

Focused Sessions: 5 Accepted
Panel Sessions 6 Accepted
Workshops 24 Accepted Requests: 14 full day, 7 half day
Details requested by October 1
Paper Deadline **December 1**

Digest/CDROM

RFQ/SOW going out to 9 vendors October 1, including separate and combined printer/CDROM
Responses requested by December 1
Optional Digest/hard/paperback/Abstract book still TBD

Convention Center

We currently hold all meeting rooms Sunday-Friday
3 Exhibit Halls = 153,000 sq ft

Plenary Session

First on Tuesday morning
'Stimulating' opening ceremony
3 themes for applications of microwaves: Medical; Communications; Radar

Hotels

All Contracts signed
1998 IMS rates being firmed up ~3,000 rooms peak night
Additional hotels in downtown and airport areas
Headquarters: Hyatt Regency
Horizon House reviewed Sep 15-16
Housing Bureau will be brought on line by October 3

Exhibits (Horizon House)

>500 booths sold to date
 μ APS Call for Papers being printed/distributed by HH

Publicity

Final Call for Papers at printer, to be mailed ~October 1
New topic ZA - HF/VHF/UHF Technology
Full page ads in at least:
 Microwave Journal

MTT-S Transactions
MTT-S Newsletter
5 IEEE Society Newsletters/Transactions
Web Page: ims98.northgrum.com
Linked to IEEE Conference Links page:
www.ieee.org/tab -> engine.ieee.org/conference/conflinks.html

Program book

Rough draft shown to Horizon House

Technical Program Committee Meeting

Renaissance Harborplace Hotel
Contract signed
\$129 single/double, \$149 3/4, "IEEE Microwave Conference"
(410) 547-1200

MTT Subcommittees: Saturday, January 10, 1998
TPC: Sunday, January 11
AdCom: Sunday, January 11 - Monday, January 12

Hotel reservation info will go to AdCom, TPC in November

Student Travel

Application to NSF being prepared, based on 1997 (Marks)

Steering Committee

44 members with specific job assignments

Registration

Horizon House has selected 4 of 9 respondents to RFQ for registration subcontract.
HH assured me they will:

- observe selected vendor at work
- require training session before Symposium
- start registration on Sunday instead of Monday
- open registration earlier Monday
- require guaranteed throughput
- hire higher skilled typists

Accepted Focused Sessions
(Bob Moore)

1. Optical Beam-Forming for Phased Arrays	Alwyn Seeds David Zimmermann	MTT-3,16
2. HF/VHF/UHF RF Power Amplifiers and Components	Frederick H. Raab	MTT-17
3. Low Power RF/Microwave and Millimeter Wave Wireless Techniques	James Harvey Tatsuo Itoh	MTT-15
4. Microwave Implications of Digital TV- European, US, Japanese Formats	Gabriele Marzucchi Terry Oxley	MTT-20
5. History of Microwave Developments in the Baltimore-Washington Area	H. Warren Cooper	Historical

Accepted Panel Sessions:
(Shyam Bajpai)

1. Research Directions in Microwave CAD	Michal Odyniec (HP)	MTT-7
2. Reliability Without Hermeticity in Microwave Modules	John Woolridge (TRW)	MTT-12
3. Micro-Electromechanical Systems (MEMS) for Microwave and Millimeter Applications	Y.C. Lee (U. of Colorado)	MTT-12
4. Microwave and Wireless Education in Rapidly Changing Environment	Robert Caverly(UVillanova) George Heiter (AD)	MTT-16,-20
5. Advanced Multifunctional RF Systems (Shared Aperture) and Technology	Max Yoder (ONR)	TBD
6. International Frequency Issues	(Roger Kaul)	TBD

Accepted Workshops (Lee Phelps)

Workshop Title	Requested Length and Day	Organizer	Co-organizer			Subcommittee Sponsoring (confirmation)
1 MMIC and Module Design Techniques	Full (Friday)	Arvind Sharma	Ingo	Wolff		1(?), 6(?)
2 CAD, EM Modeling and Measurement for Electronics Packaging and Interconnects	Full	Dylan Williams	Wolfgang	Heinrich		1(Y),
3 Product Development Through Foundries	Half	Leye Aina	Elliott	Cohen		20(Y),1(Y),16(Y)
4 Designing RF Receivers for Wireless Systems	Full (Friday)	Edward Niehenke	Bernard	Geller		6(Y), 20(Y)
5 Accurate Dielectric Characterization of PWB Substrates	Half	Claude Weil	?	?		11(N)
6 High Frequency Silicon Micromachining and Multichip Integration	Full	Linda Katehi	P.	Russer		7(N), 15 (Y)
7 New Developments in Time Domain Methods for Non-Linear Design	Half (AM)	Adelbert Beyer	Christopher	Snowden		1(Y), 15(Y)
8 Novel Approaches to Photonic-Antenna Integration	Half	Charles Cox	Tatsuo	Itoh		3 (Y), 15(N)
9 Microwave/Lightwave Methods for Indoor and Outdoor Wireless and Mobile Communications	Full	Tibor Berceli	Peter	Herczfeld		3(Y)
10 Low Cost Digital and Analog OE Modules: Manufacturing and System Insertion	Full (Monday)	P. Yu	A.	Daryoush		3(Y), 6, 18
11 Cryogenics: A New Beginning	Half	James Whelehan				6, 14(Y), 18
12 The Emergence of Millimeter-Wave Video-on-Demand Systems	?	Terry Oxley				16(Y), 20(Y)
13 Integration of Ferrite Devices into Future Radar, Wireless, and Space Systems	Half	Lionel Davis	El-Badawy	El-Sharawy		13(N)
14 Advances in Amplifier Linearization	Full (Monday)	Allen Katz	Jitendra	Goel		5(N)
15 Wireless Local Loop Systems	Full	Guo-Chun Liang	Martin	Cooper		16(Y), 19(Y), 20(Y)
16 ADC for Digital Receiver Systems	Half (Monday)	Chris Chang	Klaus	Breuer		9(N), 16(N)
17 CAD Design for Manufacturability	Full	John Bandler	Mauro	Mongiardo		1(Y)
18 Multilayer Microwave Circuits	Full	K. Gupta	Rolf	Jansen		1(Y)
19 Technologies for Tunable Microwave Systems	Half	Jeff Pond	Charles	Jackson		18(Y)
20 Low Cost Si-based Technology for Wireless Applications	Full (Sunday)	Vijay Nair	Mohamed	Megahed		6(Y)
21 Comparison of the Various MCM Technologies for Microwave Multichip Assemblies	Full	Rick Sturdivant	Joy	Laskar		12(Y)
22 Comparative Filter Technologies for Communication Systems	Full	Chandra Kudsia	Dan	Swanson		8(Y), 18(Y)
23 Antenna Technology for Wireless Applications	Half or Full	Rainee Simons	Richard	Lee		20(Y)

JUNE 1998 IEEE MTT-S INTERNATIONAL MICROWAVE SYMPOSIUM WEEK

ACTIVITY	LOCATION	Sun / 7				Mon / 8				Tue / 9				Wed / 10				Thu / 11				Fri / 12		
		M	N	A	E	M	N	A	E	M	N	A	E	M	N	A	E	M	N	A				
MTT Workshops	BCC	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	
Plenary Session	BCC																							
Symposium	BCC									5	5			5	5			5	5					
Panel Sessions	BCC									2				2				2						
Student Paper Contest	BCC																							
Interactive Forum	BCC																							
Exhibits	BCC																							
μAPS	BCC																							
RFIC Workshops	BCC	■	■			■	■																	
Symposium	BCC																							
ARFTG Conference	Sheraton?																							
Exhibits	Sheraton?																							
Social RFIC Reception	Hyatt Regency			■																				
Workshop Bk,Lunch	BCC				■																			
Speakers' Breakfast	BCC																							
MJ Reception	?																							
Crab Feast	BCC																							
Chapter Chair Meeting																								
Industry Reception	Hyatt Regency																							
Awards Banquet	Hyatt Regency																							
ARFTG Awards Lunch																								

COMMITTEE BY FUNCTION

Name	Telephone	FAX	E-mail	Affiliation
Chairman				
Steve Stitzer	(410)765 7348	(410)993 7747	s.stitzer@ieee.org	Northrop-Grumman
Vice Chairman				
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Panel Sessions				
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Interactive Forum				
Harvey Newman*	(202)767 3008	(202)767 0455	newman@estd.nrl.navy.mil	Naval Research Labs
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Student Papers				
Ayub Fathimulla*	(410)964 4066	(410)992-5813		Allied Signal Aersospace
Ron Hooker	(301)286 3216		ronald.hooker@gsfc.nasa.gov	
Special Sessions				
Bob Moore*	(410)647 0968 (H)	(410)768 5321	(410) 768-5233(W)	ret
Mike Frankel	(202)404 8718	(202)404 8645	frankel@nrl.navy.mil	Naval Research Labs
Publications Digest				
Ray Meixner*	(301)838 6420	(301)838 6427	meixnerr@vitro.com	VITRO Corp.
CDROM				
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μAPS				
Ralph Bruce	(410)757 3317 (H)	(410)757 3317	rwbruce@the-hermes.net	RWBruce Associates
Publicity				
Nathalie Gallet*	(301)937 8888	(301)937 2796	emc@ara-inc.com	Antenna Research

COMMITTEE BY FUNCTION

Registration

Gus Bontzos*	(301)497 9900	(301)497-0207		Stanford Telecom
Jim Degenford	(410)765 7334			Northrop Grumman

Finance

Fred Kuss*	(410)993 6277	(410)765-2116	kuss@mpd200.md.essd.northgrum.com	Northrop-Grumman
John Jacobi	(410)312 2154	(410)312 2250	jhj@ideas.com	SAIC

Local Arrangements

Dave Sheehan*	(301)421 0266	(301)421 9140	71022,1770@compuserve.com	Mid-Atlantic Microwave
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Hotels

Frank Halgas	(410)437 7633/2661(H)	(410)437 9786		Micro Lambda
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Audio Visual/Communications

Brian Sequeira	(410)571 9090	(410)571 0022		GeoPhone Co.
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Signs

John Sebastian	(410)316 4514	(410)		
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RFIC Liaison

Ho-Chung Huang	(301)353 8400	(301)353 8401	hohuang@aol.com	Amcom Communications
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ARFTG Liaison

Greg Burns Grumman	(410)765 7331	(301)890 0486	burns.john@postal.essd.northgrum.com	Northrop
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University Liaison

Kawthar Zaki	(301)405 3674	(301)314 9281	zaki@eng.umd.edu	University of Maryland
Gregory Wilkins	(410)319 3153	(410)319 3843	gwilkins@eng.morgan.edu	Morgan State University

Historical Exhibit

Ted Nelson*	(410)465 6726 (H)	(410)465 1378		ret
Jeff Kruth	(410)461 5544	(410)461 5545	kmec@aol.com	K-MEC

Historical Session

Warren Cooper	(301)927 7681 (H)		w.cooper@ieee.org	ret
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Spouse's program

Betty Niehenke*	(410)796 5866 (H)			
Sally Morse	(410)461 5821 (H)			

Gifts

Al Morse*	(410)765 2517			Northrop Grumman
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Exhibits

Harlan Howe*	(617)769 9750	(617)769 5037	mwj@mwjournal.com	Horizon House
Howard Ellowitz	(561)625 0116 (FL)	(617)769 9750		Horizon House

Conference Services

Larry Whicker	(704)841 1915	(704)845 3078	lrwassoc@aol.com	LRW
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