

MTT-14 Annual Meeting

Atlanta, June 17, 2008



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MTT-14 Annual Meeting

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Agenda

1. MTT-14 membership
2. MTT-14 visibility
3. Plans for IMS 2009
4. Other topics

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1. Membership

- Strengthening MTT-14 active participation
 - Stress on *active*
 - E.g. attending the annual dinner meeting
 - Email address
 - IEEE alias required
- Collect and keep historical information
 - Chair, vice-chair, terms
 - Members, years

Luciano Boglione (C)
Fabrizio Bonani
Terry Cisco
François Danneville (PC)
Madhu Gupta
Wolfgang Heinrich
Anthony R. Kerr
Marian Pospieszalski
James Randa
Edward Rezek
Alfy Riddle
Paulius Sakalas
Phillip Smith (VC)
Paul Tasker
Jim Whelehan
Edward Wollack

1. Membership (II)

#	2002	2003	2004
#1	Ali Hajimiri	Ali Hajimiri	Ali Hajimiri
#2	Anthony R. Kerr	Anthony R. Kerr	Anthony R. Kerr
#3	Edward Rezek	Edward Rezek	Edward Rezek
#4	Edward Wollack	Edward Wollack	Edward Wollack
#5	François Danneville (VC)	François Danneville (VC)	François Danneville (VC)
#6	Jim Whelehan (PC)	Jim Whelehan (PC)	Jim Whelehan (PC)
#7	Luciano Boglione	Luciano Boglione	Luciano Boglione
#8	Madhu Gupta	Madhu Gupta	Madhu Gupta
#9	Marian Pospieszalski (C)	Marian Pospieszalski (C)	Marian Pospieszalski (C)
#10	Paul Tasker	Paul Tasker	Paul Tasker
#11	Philip Smith	Philip Smith	Philip Smith
#12	Sander Weinreb	Sander Weinreb	Sander Weinreb
#13	Wolfgang Heinrich	Wolfgang Heinrich	Wolfgang Heinrich
#	2005	2006	2007
#1	Alfy Riddle	Alfy Riddle	Alfy Riddle
#2	Anthony R. Kerr	Anthony R. Kerr	Anthony R. Kerr
#3	Edward Rezek	Edward Rezek	Edward Rezek
#4	Edward Wollack	Edward Wollack	Edward Wollack
#5	Fabrizio Bonani	Fabrizio Bonani	Fabrizio Bonani
#6	François Danneville (C)	François Danneville (C)	François Danneville (C)
#7	James Randa	James Randa	James Randa
#8	Jim Whelehan	Jim Whelehan	Jim Whelehan
#9	Luciano Boglione (VC)	Luciano Boglione (VC)	Luciano Boglione (VC)
#10	Madhu Gupta	Madhu Gupta	Madhu Gupta
#11	Marian Pospieszalski (PC)	Marian Pospieszalski (PC)	Marian Pospieszalski (PC)
#12	Paul Tasker	Paul Tasker	Paul Tasker
#13	Paulius Sakalas	Paulius Sakalas	Paulius Sakalas
#14	Phillip Smith	Phillip Smith	Phillip Smith
#15	Terry Cisco	Terry Cisco	Terry Cisco
#16	Wolfgang Heinrich	Wolfgang Heinrich	Wolfgang Heinrich

Under Marian and Francois leadership, membership has expanded from 13 in 2002 to 16 in 2007

The 2002 roaster matches Francois' list; the 2007 roaster is up to date. The 2003 - 2005 period needs your help to make sure it reflects what happened:

Help me get the record right!

Agenda

1. MTT-14 membership
2. **MTT-14 visibility**
3. Plans for IMS 2009
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2. MTT-14 visibility (I)

- Build on Past Chairs' efforts to make MTT-14 visible
 - Publication of papers on noise
 - Support to MTT-S noise standards SC
 - Interaction with IMS TPC

2. MTT-14 visibility (II)

- Improve MTT-14 visibility through
 - Distinguished Microwave Lecturer program; and
 - Speaker Bureau program
- Distinction between DMLs and SB Speakers
 - The DMLs are Celebrity/Senior Speakers that
 - Go through a nomination and selection process
 - MTT-S AdCom makes the selection
 - Speaker's Bureau Speakers are technical experts who provide talks in technical areas representing their technical committees

2. MTT-14 visibility (III)

- DML nomination schedule
 - Deadline for nominations: Aug 15, 2008
 - Speaker list to be approved at AdCom fall meeting (October 08)
- Nomination information items to DML chair
 1. Suggested topic
 2. Brief synopsis of the anticipated presentation and why it is expected to be of interest to MTT-S members
 3. Suggested speaker

MTT-14 visibility plan

- Identify at least one MTT-14 members for nomination as DML
 - Paul T. is a DML but not in the MTT-14 area
 - Wolfgang H. has been a DML (he is the DML chair)
 - Feedback? What has your experience been like?
- Add new MTT-14 contributors to Speakers' Bureau program
 - Current contributors: Marian and François
 - Feedback? What has your experience been like?

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3. Plans for IMS 2009 (I)

A. Past activities

YEAR	TITLE	TYPE	ORGANIZERS
2008	Noise In Linear Circuits	Tutorial	Marian P., Luciano B.
2007	Noise in Nonlinear Circuits: Theory, Modeling, and Measurement Techniques	Workshop	Fabrizio B., Andrea Ferrero (MTT-11)
2006	Noise Measurements and Modeling for CMOS	Workshop	Jim R., Tom McKay (MTT-11)
	Noise in SiGe and III-V HBTs and Circuits: Opportunities and Challenges	Workshop	Paulius S., Francois D.
2005	Very Large Microwave Arrays for Radio Astronomy and Space Communications	Workshop	Sander W.
2004	High Frequency Noise in Advanced Silicon-based Devices: from Basics to State-of-the-art Device and Circuit Performance	Workshop	Francois D., Luciano B.
2003	Device Low Frequency Noise and Phase Noise of Microwave Circuits: How Good a Connection	Workshop	Francois D.
	Microwave and Millimeter-Wave Radiometry: State-of-the-Art and Future Trends	Workshop	Marian P, Edward W.

3. Plans for IMS 2009 (II)

B. Plans? Volunteers?

- What is MTT-14 thinking of doing for IMS 2009?
- Latest suggestions:
 - Workshop on small band gap devices?
 - ?

FYI: IMS09 on 7-12 June

Workshop deadline: 9/19/08

Paper sub. deadline: 12/8/08

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4. Other topics

- A. Kerr: Support work on noise figure definition at optical frequencies
 - Work with Jim Randa and MTT-S/TCC standard SC
 - Reconvene with MTT14 to support Tony's efforts as they evolve
- Request from MTT-6 and 23 to support a student competition at IMS09: lowest noise figure amplifier at 2.4GHz

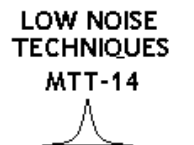
Thank you!



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Meeting participants

(last names in alphabetical order)

IMS 2008, Atlanta GA

Luciano	Boglione	l.boglione@ieee.org
Fabrizio	Bonani	bonani@ieee.org
Terry	Cisco	tcisco@ieee.org
Francois	Danneville	danneville@iemn.univ-lille1.fr
Tony	Kerr	akerr@nrao.edu
Marian	Pospieszalski	mpospies@nrao.edu
Matthias	Rudolph	m.rudolph@ieee.org
Paulius	Sakalas	sakalas@iee.et.tu-dresden.de
Phillip	Smith	pmsmith@ieee.org
Paul	Tasker	tasker@cf.ac.uk

Informed me they could not attend...

Wolfgang	Heinrich	Wolfgang.Heinrich@FBH-Berlin.de
Jim	Randa	jimranda@ieee.org
Alfy	Riddle	admin@macallanconsulting.com
Jim	Whelehan	jwhelehan@ieee.org

- Please report any mistake right away; and...
- Provide IEEE email alias to be used for MTT-S related business

Meeting outcomes

- Matthias Rudolph joined MTT-14
 - Wolfgang H. may be leaving due to other TC commitments
- Francois and Paulius to organize small band gap, low voltage workshop
 - MTT14 main sponsor
 - Half day, 5 speakers max
- Define rules for student competition
 - Check with PA student competition rules
 - Circulate rules within MTT14 when available
- Luciano to receive nominations for DML by end of July 08