

MTT/IEEE PRESS LIAISON REPORT

Larry Dunleavy/ K.C. Gupta
IEEE MTT-S ADCOM MEETING
Sept. 20-21, 1997
Phoenix, AZ

EM/MICROWAVE BOOKS IN DEV'T (Underlined are confirmed MTT Sponsored, italics indicate MTT involvement or interest)

Goldsmith — Quasioptical Systems

Itoh/Housmand Time-Domain Methods for Microwave Structures

Maloratsky Passive RF and Microwave Integrated Circuits

Peterson Computational Methods of Electromag. Scattering

Smith/Carpentier The Microwave Engr. Handbook, 2nd Ed.

Smith, Jr. Radio Frequency Engineers' Notebook

Volakis Finite Element Method for Electromagnetics

**PROPOSALS WITH MTT
INVOLVEMENT OR INTEREST**
(Underlined are confirmed MTT Sponsored)

Frey, Jr. *Introduction to RF and Wireless Systems*
Weber *Introductory Microwave Circuits*
Mortazawi/
Itoh/Harvey Active Antennas and Quasi-Optics Tech.
Foster/Carstensen *Health & Safety in EM Fields*
Werner/Mitra *Frontiers of Mathematical Methods in EM*
Cuthbert *Broadband Direct-Coupled & Matching RF NWs*
Haupt *Genetic Algorithms in Electromagnetics*
Vander Vorst *Variational Princ. and Distributed Ckts. (TB Rej)*

3

PUBLISHED MICROWAVE BOOKS
(Underlined are MTT Sponsored)

Drabowitch Antennas ('97/ Active)
Kraszewski Microwave Aquametry: ('96/Active)
Levy .. Microwave Antennas: ('96/Active)
Maas Nonlinear Microwave Circuits ('96/Active)
Christopoulos The T-Line Modeling Method ('95/Active)
Olver Microwave Horns and Feeds ('94/Active)
Goldsmith ... Radio Astronomy ('88/To Run POS)
Itoh Planar Transmission Line... ('87 /To Run POS)

*POS ==> Permanently out of stock.

4

Pre-existing Chapman/Hall Titles w/ MTT Sponsorship by Agreement

Smith/Carpentier The Microwave Engr. Handbook,
Vols. 1-3, ('93/Active)

Kneppo Microwave Integrated Circuits ('97/Active)

Van de Roar Microwave Electronic Dev. ('97/Active)

Collinson Avionics

5

PUBLISHED MICROWAVE BOOKS NOW POS* (Underlined are MTT Sponsored)

Kollberg MW and MMW Mixers ('94 /POS)

Gupta/Abauzakra ... Planar Microwave ('94/POS)

Daembkes Modulation-Doped FETs ('90/POS*)

Daembkes Modulation-Doped FETs ('90/POS)

Sorrentino Numerical Methods ...Pass. MW ('89/POS)

Larson Medical Appl. of MW Imaging ('86/POS)

Pucel Monolithic MW Integrated Ckts ('85/POS)

Fukui Low-Noise MW Trans. and Amps ('81/POS)

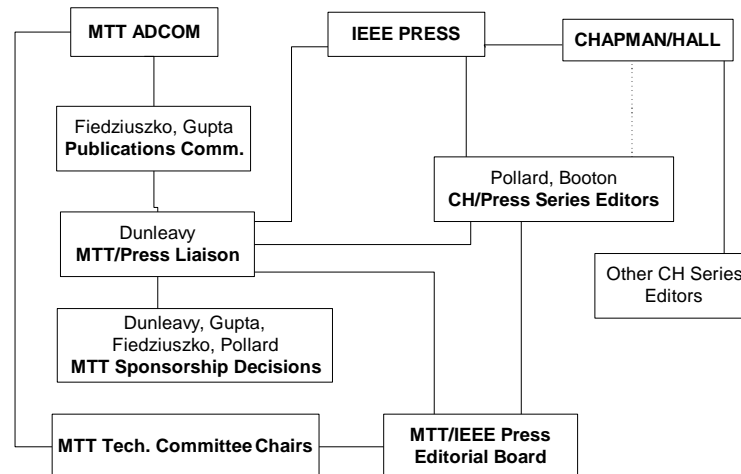
6

GOALS (From June Mtg).

- Goal: Clarify roles: MTT Liaison vs. Chapman and Hall series editor (s). Status: Done
- Efficient MTT Review process for books of MTT interest => MTT Technical Committees. Status: > 18/20 of Tech. Committees now involved.
- Proposed: MTT Book Sponsorship Committee - make final decision with associated commitment on behalf of society. Status: Members - Dunleavy, Gupta, Fiedziuszko, Pollard

7

MTT/IEE PRESS RELATIONSHIPS



8