1987 Technical Program

Contents

Papers by Sessions

Technical Program Contents

Session A

Ziegfeld Room: Opening Ceremony

8:30 a.m. – 10:00 a.m. **Tuesday, June 9, 1987**

Welcome	Mr. Steve March Dr. Dave McQuiddy Dr. Rey Kagiwada
Keynote Address	Mr. Les Besser

Session B

Ziegfeld Room: Joint with Monolithics Symposium – Non-Linear and Power Circuits

10:30 a.m. to Noon **Tuesday, June 9, 1987**

Chairman: D.R. Chen, Microwave Monolithics, Inc.
Co-Chairman: Z.J. Lemnios, Ford Microelectronics, Inc.

Session C

Gable 5, 6, 7 Room: Computer-Aided Design Analysis and Synthesis

10:30 a.m. to Noon **Tuesday, June 9, 1987**

Chairman: Ulrich L. Rohde, Compact Software

Session D

Gable 3, 4 Room: Microwave Filters and Multiplexers

10:30 a.m. to Noon **Tuesday, June 9, 1987**

Chairman: R.V. Snyder, R.S. Microwave Company, Inc.

Session E

Ziegfeld Room: Joint with Monolithics Symposium – Low Noise Techniques

1:30 p.m to 3:00 p.m. **Tuesday, June 9, 1987**

Chairman: V. Nair, Motorola, Inc.
Co-Chairman: S. Moghe, Pacific Monolithics

Session F

Gable 5, 6, 7 Room: Microwave Integrated Circuits

1:30 p.m. to 3:00 p.m. **Tuesday, June 9, 1987**

Chairman: C. Buntschuh, Narda Microwave

Session G

Gable 3, 4 Room: Couplers and Power Dividers

1:30 p.m. to 3:00 p.m. **Tuesday, June 9, 1987**

Chairman: Peter LaTourette, Consultant

Session H

Gable 5, 6, 7 Room: Joint with Monolithics Symposium – MMIC Manufacturability

3:30 p.m. to 5:00 p.m. **Tuesday, June 9, 1987**

Chairman: James Schellenberg, Hughes Aircraft Co.

Session I

Gable 3, 4 Room: Biomedical Aspects of Microwaves

3:30 p.m. to 5:00 p.m. **Tuesday, June 9, 1987**

Chairman: Arye Rosen, RCA David Sarnoff Research Center

Session J

Garland Ballroom: Open Forum I

3:30 to 5:30 p.m. **Tuesday, June 9, 1987**

*Manuscript not available at the time of printing

*Manuscript not available at the time of printing

*Manuscript not available at the time of printing

Session K

Ziegfeld Room: MMW Technology and Applications

8:30 a.m. to 10:00 a.m. **Wednesday, June 10, 1987**

Chairman: J. Horton, TRW

Session L

Gable 5, 6, 7 Room: Microwave Measurements

8:30 a.m. to 10:00 a.m. **Wednesday, June 10, 1987**

Chairman: H. George Oltman, Jr., Tecom Industries

Session M

Gable 3, 4 Room: Communications Systems

8:30 a.m. to 10:00 a.m. **Wednesday, June 10, 1987**

Chairman: Peter G. Petrelis, TRW

Session N

Ziegfeld Room: – Focused Session –

Advances in Millimeter Wave Systems (60-230 GHz)

10:30 a.m. to Noon **Wednesday, June 10, 1987**

Chairman: James C. Wiltse, Georgia Tech Research Institute

Session O

Gable 5, 6, 7 Room: Noise Measurements

10:30 a.m. to Noon **Wednesday, June 10, 1987**

Chairman: Stephen F. Adam, Adam Microwave Consulting, Inc.

Session P

Gable 3, 4 Room: Radar Systems

10:30 a.m. to Noon **Wednesday, June 10, 1987**

Chairman: Kiyo Tomiyasu, General Electric Co.

Session Q

Garland Ballroom: Open Forum II

1:30 to 3:30 p.m. **Wednesday, June 10, 1987**

*Manuscript not available at the time of printing

Session R

Gable 5, 6, 7 Room: Guided Waves

1:30 p.m. to 3:00 p.m. **Wednesday, June 10, 1987**

Chairman: Prof. Jeffrey B. Knorr, Naval Postgraduate School

Session S

Ziegfeld Room: – Focused Session –

Advances in Millimeter Wave Technology (60-230 GHz)

1:30 p.m. to 3:00 p.m. **Wednesday, June 10, 1987**

Chairman: James C. Wiltse, Georgia Tech Research Institute

*Manuscript not available at the time of printing

Session T

Ziefeld Room: Invited European Session

3:30 p.m. to 5:00 p.m. **Wednesday, June 10, 1987**

Chairman: R. Sparks, Raytheon

Session U

Gable 5, 6, 7 Room: Waveguide Discontinuity Structures

3:30 p.m. to 5:00 p.m. **Wednesday, June 10, 1987**

Chairman: James W. Mink, U.S. Army Research Office

Session V

Gable 3, 4 Room: Microwave Acoustics: Developments & Applications

3:30 p.m. to 5:00 p.m. **Wednesday, June 10, 1987**

Chairman: Ted Lukaszek, U.S. Army Labcom

*Manuscript not available at the time of printing

Session W

Gable 3, 4 Room: – Focused Session –

Optical Techniques for Microwave Applications I

8:30 a.m. to 10:00 a.m. **Thursday, June 11, 1987**

Chairman: Tatsuo Itoh, University of Texas, Austin

Session X

Ziegfeld Room: FET Amplifiers

8:30 a.m. to 10:00 a.m. **Thursday, June 11, 1987**

Chairman: Eliot D. Cohen, Defense Logistics Agency

*Public dissimination disapproved by sponsor

Session Y

Gable 5, 6, 7 Room: Solid State Devices/Circuits I

8:30 a.m. to 10:00 a.m. **Thursday, June 11, 1987**

Chairman: Michael Dydyk, Motorola

Session Z

Gable 3, 4 Room: – Focused Session –

Optical Techniques for Microwave Applications II

10:30 a.m. to Noon **Thursday, June 11, 1987**

Chairman: N.R. Dietrich, AT&T Labs

Session AA

Ziegfeld Room: Non-Linear FET Applications

10:30 a.m. to Noon **Thursday, June 11, 1987**

Chairman: E.C. Niehenke, Westinghouse Electric Corp.

Session BB

Gable 5, 6, 7 Room: Solid State Devices/Circuits II

10:30 a.m. to Noon **Thursday, June 11, 1987**

Chairman: Clifford Krowne, Naval Research Lab

Session CC

Gable 3, 4 Room: Phased and Active Array Techniques

1:30 p.m. to 3:00 p.m. **Thursday, June 11, 1987**

Chairman: Eugene H. Gregory, Hughes Aircraft Co.

Session DD

Ziegfeld Room: HEMT/MESFET Applications

1:30 p.m. to 3:00 p.m. **Thursday, June 11, 1987**

Chairman: B.D. Geller, Comsat Corporation

*Manuscript not available at the time of printing

Session EE

Gable 5, 6, 7 Room: Solid State Devices/Circuits III

1:30 p.m. to 3:00 p.m. **Thursday, June 11, 1987**

Chairman: Robert L. Eisenhart, Hughes Aircraft Co.

Session FF

Gable 3, 4 Room: Microwave Ferrites

3:30 p.m. to 5:00 p.m. **Thursday, June 11, 1987**

Chairman: W.E. Hord, Microwave Applications Group

Session GG

Gable 5, 6, 7 Room: HEMT Amplifiers and Devices

3:30 p.m. to 5:00 p.m. **Thursday, June 11, 1987**

Chairman: Bert Berson, Berson & Associates