

The Technical Program

Our technical program this year has been chosen to provide microwave and millimeter wave systems engineers with broad and representative examples of monolithic circuits applicable to their needs. The spectrum covered ranges from DC to optical frequencies; emphasis this year is given to the microwave spectrum. This emphasis region is currently representative of the activity of industry as a whole.

The majority of the papers described amplifiers ranging from small signal to 10 watt power structures and from narrowband to multioctave devices. Of special significance to systems designers are the newly-emerging functional subsystems-on-a-chip. These include superhet receivers, balanced mixer modules, VCOs, and phase detectors. Other novel functions include high speed analog-to-digital converters, and microminiature 90 degree hybrids.

Commercial applications are high-lighted this year with technology applicable to satellite TV receivers emphasized. The international flavor of the symposium and its objectives is attested to by papers from Japan, France, Italy, and U.S.A.

Your comments regarding the technical make-up of the program—either oral or written—will be appreciated and will impact the formulation of the program next year.



M Yoder

Max Yoder
Chairman
Technical Program Committee
Office of Naval Research