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ADVANCED FILTER TECHNOLOGY

Chairman: H. Clark Bell—Loral Microwave-Wavecom

Session Abstract: The first two papers in this session present filters which use solid-state devices. The first of these presents an active feedback resonator with a very high unloaded Q. The second paper describes variable notch filters in several configurations. The subject of the last two papers is a bandpass filter with E-plane fins or inserts. The first shows a method for increasing skirt selectivity with stopband loss poles in a waveguide filter. The second paper presents a computer-aided design method for evanescent mode filters.

8:30 a.m.–10:00 a.m., Wednesday, June 14, 1989
Pacific Room