

Session Z

Low Noise Millimeter Wave Receivers

Chairman:

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Low noise millimeter wave receivers continue to be an area in which developments are continually taking place. The session that has been formed is no exception. From the 547 GHz SIS Receiver that was developed, the H2180 ground state transition in the interstellar medium to the resistive HFET mixer for the 90 to 140 GHz region, a group of exciting papers will be presented from an international group of experts. Of major interest in today's environment is the development of an instrument at 110 GHz that can monitor stratospheric ozone from a ground station. This session is ideally suited for engineers that have an interest in the developments that are ongoing in the millimeter and submillimeter area at some of the most prestigious laboratories.

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**1:30 p.m.-3:00 p.m., Wednesday, June 16, 1993
Room 218/219**

