

# Session WE4B

## Active and Quasi-Optic Antennas

**Chairman:**

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A retrodirective active antenna array was demonstrated for the first time. This concept looks promising for a large number of applications. Injection-locking was used for beam-switching in a phase-shifterless two-dimensional array. Planar dielectric-slat resonators demonstrated both oscillator and amplifier quasi-optical power combining.

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**3:30 p.m.–5:00 p.m., Wednesday, May 17, 1995**  
**Room A2**