

# **Session X**

## **Biological Effects and Medical Applications**

**Chairman:**

**Kenneth L. Carr**

Microwave Medical Systems  
Littleton, MA

This year's session on biological effects and medical application emphasizes novel applications of microwaves in medicine. These applications include microwave effects on isolated hearts, microwave management of benign prostatic hyperplasia, and the variation of pain threshold by means of microwave stimulation. Also included are papers on the FDA-IDE clinical trial of microwave—assisted surgery (for controlling hemorrhage), microwave balloon angioplasty, and the state-of-the-art in microwave hyperthermia for the treatment of cancer.

X

**1:30 p.m.–3:00 p.m., Wednesday, June 12, 1991  
Room 302**