

# INSTITUT DE MECANIQUE DE MARSEILLE

Université d'Aix - Marseille II

Le Professeur **FRANK K. TITTEL** fera une conférence le **JEUDI 14 JUIN 1990** à 16 heures dans la salle Zerner de l'Institut de Mécanique des Fluides de Marseille, 1 rue Honnorat, 13003 Marseille.

## EXCIMER LASERS IN MEDICINE

**Frank K. Tittel**  
Rice University  
Department of Electrical and Computer Engineering  
Houston, TX 77251-1892

### **Abstract**

Excimer lasers emit light energy, short optical pulses at ultraviolet wavelengths that result in a unique laser tissue interactions. This has led in recent years to an increasing number of studies in medical applications of these lasers in fields such as ophthalmology, cardiology, and urology. Particular emphasis will be given to laser angioplasty, since the excimer laser is an excellent candidate to perform the recanalization of obstructed arteries assist in the various associated cardiovascular diagnostic procedures.

Renseignements : Mr. Sentis, Mr. Delaporte - Tel. 91.26.92.80.