

Consiglio Nazionale delle Ricerche

Istituto per i Processi Chimico- Fisici

Area della Ricerca di Pisa

Avviso di Seminario

Martedì 14 Settembre 2004

ore 11:00

Aula 27

Prof. Vladislav Panchenko

Corresponding Member of the Russian Academy of Sciences

Director of the Institute on Laser and Information Technologies

(ILIT- RAS)

terrà un seminario su

Advanced Laser and Information Technologies for Medical Applications

Abstract. The new approaches to the development of advanced medical technologies will be discussed. The topics of the presentation are the following:

1. Long-distance biomodeling based on computer tomography data, rapid laser prototyping technology (basic ideas, equipment and clinical testing for maxial facial surgery, neurosurgery and oncology)
2. Transmiocardial Laser Revascularizations (TMLR). New equipment and clinical practice of TMLR
3. Autodyne diagnostic and smart laser medical equipment for the surgery.

Antonio Giulietti - Intense Laser Irradiation Laboratory, IPCF-CNR-Pisa

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