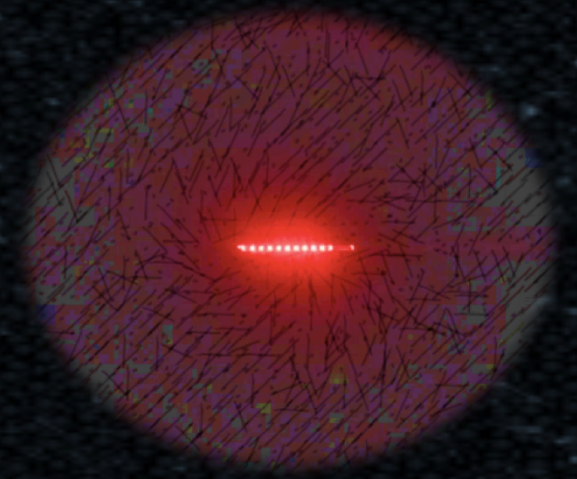


Laser-enabled mini-invasive treatments of tumors:

from thermal ablation to photo-
dynamic therapies



June, 18th 2018

Politecnico di Torino

**Department of Electronics
and Telecommunications**

**Corso Castelfidardo 42/A,
5th Floor, Maxwell Room**

Laser is emerging as a flexible tool for the treatment of tumors, enabling both thermal ablation procedures of solid tumors and photo-dynamic therapies. The seminar reviews recent progresses obtained by an Italo-French team.

Please confirm your
attendance at
goo.gl/ZUNg7o



9:30 Welcome

9:45 G. Perrone, Politecnico di Torino, “Lasers for tumor treatments @ Polito”

10:10 P. Saccomandi, Politecnico di Milano & IHU Strasbourg, “Laser tissue-interaction: from models to clinical practice”

10:30 E. Schena, Univ. Campus Bio-Medico di Roma, “Thermometry during laser ablation: present and future directions”

10:50 R. Gassino, A. Vallan, Politecnico di Torino, “Metrological aspects of temperature measurements using fiber sensors”

11:10 G. Quero, IHU Strasbourg & Policlinico Agostino Gemelli, “Laser ablation in clinical practice: the promise and the progress”

11:30 I. Fenoglio, C. Riganti, Univ. Torino, “Synthesis, physic-chemical characterization and biological properties of carbon nanoparticles for photo-thermal and photo-dynamic therapy”

12:00 Closing remarks



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