

## Curriculum

Maria Lepore is currently working as Associate Professor (SSD FIS07) in service at the Department of Experimental Medicine of the University of Campania "Luigi Vanvitelli".

The teaching activity mainly concerns the courses of Medical Physics for the degree courses in Medicine and Surgery, numerous three-year courses in the health area and several specialization schools. Her research activity, mainly of an experimental nature, concerned the following fields: multiphoton interaction processes in crystalline and semiconductor solids; laser interaction processes; integrated optics; optical properties of biological and biomaterial tissues; biomedical optics; design and development of optical sensors; laser safety in research laboratories and in clinical settings; disclosure of physics and its applications in the medical, environmental and agri-food sectors.

She is the author of more than 90 papers in journals with an international editorial board. She has participated in numerous international congresses (with 60 publications in full of acts) and national In the course of his activity He has collaborated with several national and international research groups and is acting as a referee for several scientific journals with an international editorial board.