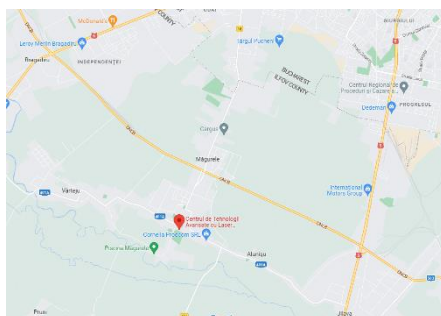


**CETAL Workshop**  
- Laser Nanoprocessing for Biology Applications -

Laser nanoprocessing for Biology Applications - Workshop program for May 3 <sup>rd</sup> 2023 -				
Presenter	Presentation Type	Presentation Title	Institute	Time
Prof. Koji Sugioka	Invited	Advanced laser processing: 3D micro/nanoprocessing and manipulated laser pulse processing	RIKEN Japan	9:15 – 10:00
Dr. Nicu Scarisoreanu	Oral	Innovation Center in Photonics and Plasma for Advanced Materials and Technologies C400-PHOTOPLASMAT - an overview of innovation potential and perspectives	FOTOPLASMAT	10.00 – 10.15
Dr. Florin Jipa	Oral	Laser fabrication of glass microfluidic biochips for testing melanoma cells response under X-ray irradiation	CETAL	10:15 – 10:30
Dr. Alexandra Bran	Oral	Woodpile structures fabricated in glass microfluidic channels by laser processing for 3D cellular studies	CETAL	10:30 – 10.45
Dr. Ioan Tivig	Oral	Innovative Lab-on-a-chip systems for the electrical characterization of cells	UMF Carol Davila	10:45 – 11.00
Dr. Emanuel Axente	Oral	Titanium surface nanostructuring by picosecond laser irradiation for surface improvement of dental abutments	CETAL	11:00 – 11.15
Dr. Aurelian Marcu	Oral	Fabrication of nanostructures with controlled morphology and alignment	CETAL	11:15 – 11:30



Location:  
Seminar Room 1<sup>st</sup> floor,  
Center for Advanced Laser Technology – CETAL  
National Institute for Laser Plasma and Radiation Physics  
Atomistilor 409, Magurele,  
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