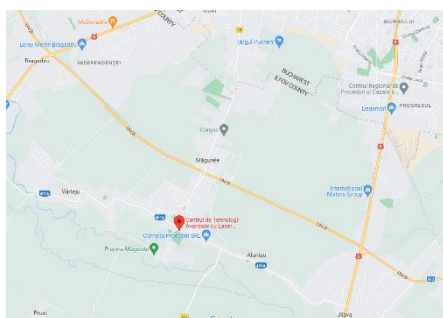


**CETAL Workshop**  
 - Biology for Space -

Biology for Space - Workshop program for April 27 <sup>th</sup> 2023 -				
Presenter	Presentation Type	Presentation Title	Institute	Time
<b>Prof. Alessandro Bartoloni</b>	<b>Invited</b>	<i>AMS@INFN Roma-Sapienza: Current Activities &amp; Future Perspectives</i>	<b>Sapienza University (Italy)</b>	<b>10:00 – 10:30</b>
Dr. Sandel Simion	Oral	<i>PW-Laser status and experiments</i>	CETAL - INFLPR	10:30 – 10:45
Dr. Constantin Diplasu	Oral	<i>Laser driven particle acceleration at CETAL-PW laser system</i>	CETAL - INFLPR	10:45 – 11:00
Dr. Felix Sima	Oral	<i>Laser driven very high energy electron beam FLASH irradiation: real time dosimetry on chip and biological effects</i>	CETAL - INFLPR	11:00 – 11:15
Dr. Andrei Stancalie	Oral	<i>Optical fiber-based sensing platforms operating in ionizing radiation environments</i>	CETAL - INFLPR	11:15 – 11:30
Dr. Aurelian Marcu	Oral	<i>EMPs generation and biological influence studies of electromagnetic waves</i>	CETAL - INFLPR	11:30 – 11:45
Dr. Livia Sima	Oral	<i>In vitro evaluation of FGF2 potential to prevent or treat bone loss due to spaceflight</i>	Institute of Biochemistry (Romanian)	11:45 – 12:00



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,  
 Ilfov 077125, Romania