

BioPhysFUN workshop

Hosted by IX International School and Conference on Photonics –
[PHOTONICA 2023](#)

Advanced **BioPhysical** Methods for Soil Targeted **Fungi**-Based Biocontrol agents –
BioPhysFUN - Project funded by Science Fund of Republic of Serbia within Green Program
of Cooperation between Science and Industry

<http://www.hemmagero.rs/biophysfun.html>

Time: 31.08. 2023. 14.30-20.00h

Site: Serbian Academy of Sciences and Arts (SASA) building, 2nd floor, hall 3

Programme

14.30-14.50 A. Krmpot – *BioPhysFUN project overview (physical aspect)*

14.50-15.10 M. Zivić and T. Cvetić Antić – *BioPhysFUN project overview (biological aspect)*

15.10-15.20 Discussion

15.20-15.40 T. Pajić – *Laser nanosurgery of filamentous fungi – recent experiences*

15.40-16.00 K. Stevanović – *Ion channels of filamentous fungi - the challenges of registration*

16.00-16.10 Discussion

16.10-16.35 M. Bukumira – *Design of single instrument for laser cell surgery and patch clamp*

16.35-16.40 Discussion

16.40-17.00 coffee break

17.00-17.25 K. Atlagić – *Fungi growth and peptaibols isolation*

17.25-17.30 Discussion

17.30 – 17.50 Ivica Dimkić - *Microbial biotechnology and circular economy as pillars of the European Green Deal*

17.50 – 18.10 Nikola Unković - *Microbial Biotechnology in the Preservation of Deteriorated Works of Art in Serbia: From Simple Swabs to Novel Green Initiative*

18.10 - 18.30 Predrag Kolarž - *Description of the project named: Elimination of respirable airborne particles, microplastics, microorganisms, and VOCs by ionization of indoor air and filtration systems: comprehensive investigation for reliable technological answers (IonCleanTech)*

18.30-18.45 Discussion and closing remarks