

## Publications

- **S. Maragkaki**, K. Savva, E. Stratakis “Advanced photonic processes for photovoltaic, energy storage and environmental systems” *Adv. Sus. Sys.* **5**, 2000237 (2021)  
<https://doi.org/10.1002/adsu.202000237>
- **S. Maragkaki**, C. Skaradzinski, R. Nett and E.L. Gurevich “Influence of defects on structural colours generated by ultrashort laser-induced ripples” *Sci. Rep.* **10**, 1-9 (2020)  
<https://doi.org/10.1038/s41598-019-56638-x>
- J.S. Hoppius, **S. Maragkaki**, A. Kanitz, P. Gregorcic and E.L. Gurevich “Optimization of femtosecond laser processing in liquids” *Appl. Surf. Sci.* **467**, 255-260 (2019)  
<https://doi.org/10.1016/j.apsusc.2018.10.121>
- M. Kasischke, **S. Maragkaki**, S. Volz, A. Ostendorf and E.L. Gurevich “Simultaneous nanopatterning and reduction of graphene oxide by femtosecond laser pulses” *Appl. Surf. Sci.* **445**, 197-203 (2018)  
<https://doi.org/10.1016/j.apsusc.2018.03.086>
- **S. Maragkaki**, A. Elkalash. and E.L. Gurevich, “Orientation of ripples induced by ultrashort laser pulses on copper in different liquids” *Appl. Phys. A* **123**, 721 (2017)  
<https://doi.org/10.1007/s00339-017-1336-0>
- **S. Maragkaki**, T. J.-Y. Derrien, Y. Levy, N.M. Bulgakova, A. Ostendorf and E.L. Gurevich, “Wavelength dependence of picosecond laser-induced periodic surface structures on copper” *Appl. Surf. Sci.* **417**, 88-92 (2017)  
<http://dx.doi.org/10.1016/j.apsusc.2017.02.068>
- A. Ostendorf and **S. Maragkaki** “Ultrafast laser processing for industrial applications”, *Rev. Laser Eng.* **41**, 790-794 (2013)  
<https://bibliographie.ub.rub.de/retrieve/f351a46b-2eca-4578-b130-85495215b887>

## Papers in Refereed Conference Proceedings

- E. Gurevich, S. Maragkaki, Y. Levy, T. Derrien, NM Bulgakova “Three-step model of the laser-induced periodic surface structures (LIPSS) formation on metal surfaces” *International conference on advanced laser technologies ALT* (2019)
- M. Kasischke, **S. Maragkaki**, S. Volz, E.L. Gurevich and A. Ostendorf “Graphene oxide reduction induced by femtosecond laser irradiation” *Proc. SPIE* **10356**, Nanostruct. thin films X, 103560M, San Diego CA (2017)  
<http://dx.doi.org/10.1117/12.2274976>

- M. Kasischke, **S. Maragkaki**, E. Subasi and A. Ostendorf “Selective femtosecond laser ablation of graphene for its micropatterning” *Proceedings of the 35<sup>th</sup> International Congress of Applications of Lasers and Electro-Optics: ICALEO*, San Diego, October 16-20 (2016)
- S.A. Fernandes, **S. Maragkaki** and A. Ostendorf “Selective laser patterning in organic solar cells” Proc. SPIE **9180**, Laser process. and fabricat. of solar, displays and optoelect. devices 91800I (2014)  
<http://dx.doi.org/10.1117/12.2061248>
- **S. Maragkaki**, A. Aumann, F. Schulz, A. Schroter, B. Schops, S. Franzka, N. Hartmann and A. Ostendorf “Micro-patterning of self-assembled organic monolayers by using tunable ultrafast laser pulses” Proc. SPIE **8972**, In Frontiers in ultrafast optics: biomedical, scientific and industrial apps XIV, 2 - 5 February 2014, San Francisco CA, 897213 (2014)  
<http://dx.doi.org/10.1117/12.2037716>