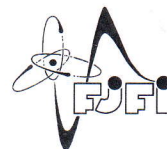




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Studium v doktorském studijním programu

SEZNAM VLASTNÍCH PUBLIKACÍ A PROJEKTŮ

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- v impaktovaných časopisech

- [1] JAGDHEESH, R., HAUSCHWITZ, P., J. MUŽÍK, et al. Non-fluorinated superhydrophobic Al7075 aerospace alloy by ps laser processing. Applied surface science, 2019, 493: 287-293. IF: 6.18
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- [3] HAUSCHWITZ, P., et al. Fabrication of functional superhydrophobic surfaces on carbon fibre reinforced plastics by IR and UV direct laser interference patterning. Applied Surface Science, 2019, 144817. IF: 6.18
- [4] HAUSCHWITZ, P., et al. Towards rapid large-scale LIPSS fabrication by 4-beam ps DLIP. Optics & Laser Technology, 133: 106532. IF: 3.23
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- [6] HAUSCHWITZ, Petr, et al. Large-Beam Picosecond Interference Patterning of Metallic Substrates. Materials, 2020, 13.20: 4676. IF: 3.06
- [7] HAUSCHWITZ, P., et al. Hydrophilic to ultrahydrophobic transition of Al 7075 by affordable ns fiber laser and vacuum processing. Applied Surface Science, 2019, 144523. IF: 6.18
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- [9] JOCHCOVA, D., KAUFMAN, J., HAUSCHWITZ, P., et. al. Intensity distribution modulation of multiple beam interference pattern. MM Science Journal. 2019, 2019(05), 3652-3656 IF: 0.42

- Prezentace na konferencích

[1] HAUSCHWITZ, et al., Laser processing of C-PPS and C-PEEK Carbon Fibre Reinforced Plastics, In: European congress and exhibition on advanced materials and processes; 2017 Sep 17-22; Thessaloniki, Greece.

[2] HAUSCHWITZ, et al., Hydrophilic to ultrahydrophobic transition of Al 7075 by affordable ns fiber laser and vacuum processing. In: International conference on applied surface science; 2019 June 17-20; Pisa, Italy.

[3] HAUSCHWITZ, et al., Two-step nanosecond laser processing for dual-scale micro-and nanostructure fabrication of superhydrophobic stainless steel surface. In: International Conference on Advanced Laser Technologies; 2019 Sep 15-20; Prague, Czech Republic

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