

Bachelor Theses UMAT – 2019

[Blažek, Martin](#) Quantification of carbide phases in tool steel sub-zero treated in liquid helium

[Bujdák, Radovan](#) Phase diagram of titanium from first principles calculations

[Zifčák, Miroslav](#) The study of Cu-Al bimetal structure explosively welded by means of SEM and X-ray microanalysis

[Nádažská, Kristína](#) Polymer composites for 3D printing

[Vyskočová, Kristína](#) Analysis of degradation of superconducting tapes due to coating of thermal stabilization layer

[Lesay, Jozef](#) Preparation of composite with polymer matrix and metal powder reinforcement

[Hollý, Martin](#) Influence of the austenitization parameters on the microstructure and hardness of the 100Cr6 steel

[Drobný, Adrián](#) Study of the projectile kinetic energy on the material deformation and failure

[Dobiš, Martin](#) Welded joints analysis of plates for construction body automobiles

[Uhliar, Matej](#) Modelovanie vstupu atómov chlóru do kryštálovej mriežky striebra

[Ondrejčka, Adam](#) Boronizing and study of structure of borided cast iron

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[Orihel, Peter](#) Microscopic analysis of a defected steam boiler pipe

[Slavkov, Michal](#) Stress-corrosion cracking of Zn based alloys

[Kotrus, Adam](#) Influence of surface roughness of the base materials on the adhesion of PVD coatings