

Thesis UMAT 2019/2020

Kicka Tomáš	Characterization of substructure and microstructure of medium Mn steels for automotive applications
Paták Jozef	Corrosion resistance of binary alloy Sn-Zn
Pacher Dávid	Effect of thermal cycling on microstructure of modified superconducting tapes for fault current limiters
Pikáľková Vanesa Patrícia	Discontinuities in the start and end phases in the AlSiMg alloy welding process by solid-state Nd:YAG laser
Piňák Matúš	Investigation of long-term annealed Al-Pd-Co alloys at 1035°C
Milkov Daniel	Electrical and dielectric properties special glasses based on TeO ₂ and Sb ₂ O ₃
Pytel Samuel	Vplyv parametrov výroby na mikroštruktúru Fe-Zn zliatinovej vrstvy žiarovo zinkovaných drôtov z vysoko-uhlíkovej ocele
Néma Martin	Experimental determination of the crystallization nuclei number in rapidly solidified powder particles
Minarovičová Veronika	Influence of selected types of binding agents on vulcanization of rubber blends
Petrek Tomáš	Characterization of powders and sintered steel samples
Slnek Dávid	Microstructural analysis of medium Mn Q&P steels using transmission electron microscopy
Tkáčiková Katarína	Štúdium subštruktúry kryogénne spracovanej ledeburitickej ocele
Czére Imrich	Štúdium subštruktúry kryogénne spracovanej ledeburitickej ocele
Bogyová Romana	Analysis of deformations of chemical-heat treated metal plates of mechanical clutch
Drienovský Lukáš	Laser weld joints analysis of thin plates
Jurina Filip	Influence of boronizing parameters on mechanical properties of Cr-V ledeburitic steel
Horák Michal	Influence of moisture on mechanical properties of static polyamide rope

Gašpárková Michaela	Modelling of crystal structure and thermodynamic stability of new nickel oxide $\text{Ni}_{2}\text{O}_{3}$
Bachleda Erik	Characterization of Non-equiatomic Multicomponent Ga-Co-Cu-Ni-Fe-based Alloys
Ďuračka Šimon	Influence of binding agent concentration on vulcanization of rubber blends
Bodnárík Maroš	Tensile strength of soldered joints at elevated temperatures
Chlebo Martin	Influence of production technology of test samples on tensile strength values
Antal Jozef	Study of supramolecular structure of polymers based on PET and PBT
Stašiov Michal	Metallographic analysis and mechanical tests welded joints of plates