

## Bachelor Thesis UMAT 2019/2020

<b>Novosad Ľuboš</b>	Analysis of fracture surface of tool steel after cryogenic treatment
<b>Šenkarčin Matej</b>	Analysis of selected properties of binary alloy Sn-Zn
<b>Bryndza Martin</b>	Analysis of welded joints of Al sheets
<b>Hudec Martin</b>	Dilatometric analysis of tool steel Vanadis 6
<b>Kočitá Lucia</b>	Electrochemical marking of metallic materials
<b>Ondrejka Štefan</b>	Physical-metallurgical aspects of the bonding of metallic materials by diffusion
<b>Nálepka Juraj</b>	Characterization of Ga-Ni-Co-Cr-Fe multi-principle element alloys
<b>Hulačová Simona</b>	Lead-free soldering of superconducting tapes using different fluxes
<b>Hlad' Andrej</b>	Metallographic analysis of laser welded plates
<b>Praslička Adam</b>	Design and realization of measurement of hysteresis losses dependence on the frequency of alternating magnetization of ferromagnetic material
<b>Fabušová Diana</b>	Design of atomistic models of little-known palladium oxide PdO <sub>2</sub>
<b>Filin Jakub</b>	Tensile strength of plastic material after 3D print
<b>Knotek Tomáš</b>	Investigation of the microstructure of Zn-based alloys
<b>Pódová Silvia</b>	Determination of the applicability of S355JR to screws intended for mounting of rails
<b>Švaňová Tatiana</b>	Determine the causes of damage to gear shaft conveyor
<b>Žitník Dávid</b>	Determination of the cause of damage to the pin for chassis of a rail vehicles

