

Einladung Masterkonferenz 2022

Invitation Master Conference 2022

Programm | Program

Raum | Room 4A-020

08:30 - 09:00	Non-invasive wide-bandwidth current sensor for wide-bandgap devices <i>Moser Stefan, BSc</i>
09:00 - 09:30	Concept Design and Evaluation of isolated DC/DC Converters in mid power DC charging stations <i>Hofer Andreas, BSc</i>
09:30 - 10:00	Entwicklung einer Ausbildungsplattform für serielle Industrieroboterkinematiken <i>Sulzenbacher Christoff, BSc</i>
10:00 - 10:30	Kaffeepause Coffee break
10:30 - 11:00	Cold forming simulation by means of the Finite Element Method <i>Bauer Sebastian, B.Eng.</i>
11:00 - 11:30	Fatigue life simulation process for cold formed parts <i>Sigloch Raphael, B.Eng.</i>
11:30 - 12:00	Modellierung der Wärme- und Massenübertragung eines zur additiven Fertigung von Keramikbauteilen verwendeten Trocknungsprozesses mittels numerischer Strömungssimulation <i>Ungerer Oliver, BSc</i>
12:00 - 12:30	Edge-AI State Classification using a Supervised-Deep-Learning CNN with an Automated Measurement System Interface <i>Roch Philipp, B.Eng.</i>
12:30 - 13:30	Mittagspause Lunch Break
13:30 - 14:00	DQ-Sensor-Less Control Implementation on a Multi-Phase High-Speed Direct Drive Motor <i>Maier Martin, BSc</i>
14:00 - 14:30	Determination of an algorithm, using a neural network to measure the number of turns and air time of a mountainbike descent <i>Freiheit Maximilian, B.Eng.</i>
14:30 - 15:00	Evaluation on Electrical Influences of Li-ion Batteries with Unsymmetrical Cell Arrangement in Parallel Connection <i>Hausladen Markus, B.Eng.</i>
15:00 - 15:30	Measurement system to determine the flow behavior of natural hazards like granular media with a laboratory scale chute <i>Felbermayr Simon, BSc</i>