

Robot Days

25th May , 2023

Venue: Faculty of Technical and Human Sciences,
Sapientia University, Târgu Mureş



Dr. Mihaela IOANEŞ
*INNO Robotics - graduate career
development in automation industry*
Room: 128 - 09:00-10:30

Prof. Bernd Kuhlenkötter
Robots in Applications
Room: 128 - 10:30-13:30

This lecture and tutorial will give an overview on Robots in Applications and subsequently will focus on basics on of automation technology and industrial robot systems. The content will cover the range from manipulator and basic Kinematical structures via robot components to robot modelling aspects and measuring systems. A special focus in this lecture is on industrial robotics, which are addressed in examples and applications.



Dr. Alfred Hypki
3D Simulation in Automation Technology
Room: 217 - 14:30-17:30

After a general introduction to the requirements and possibilities of 3D Simulation in Automation Technology, the students learn the various steps, which lead from the production scenario via the modeling of the work cell and programming of the automation components to the virtual commissioning.

Parts of the lecture will be done in a collaboration work to integrate the students into the overall modelling and simulation process.