







Center for Nondestructive Diagnostics of Technological Processes

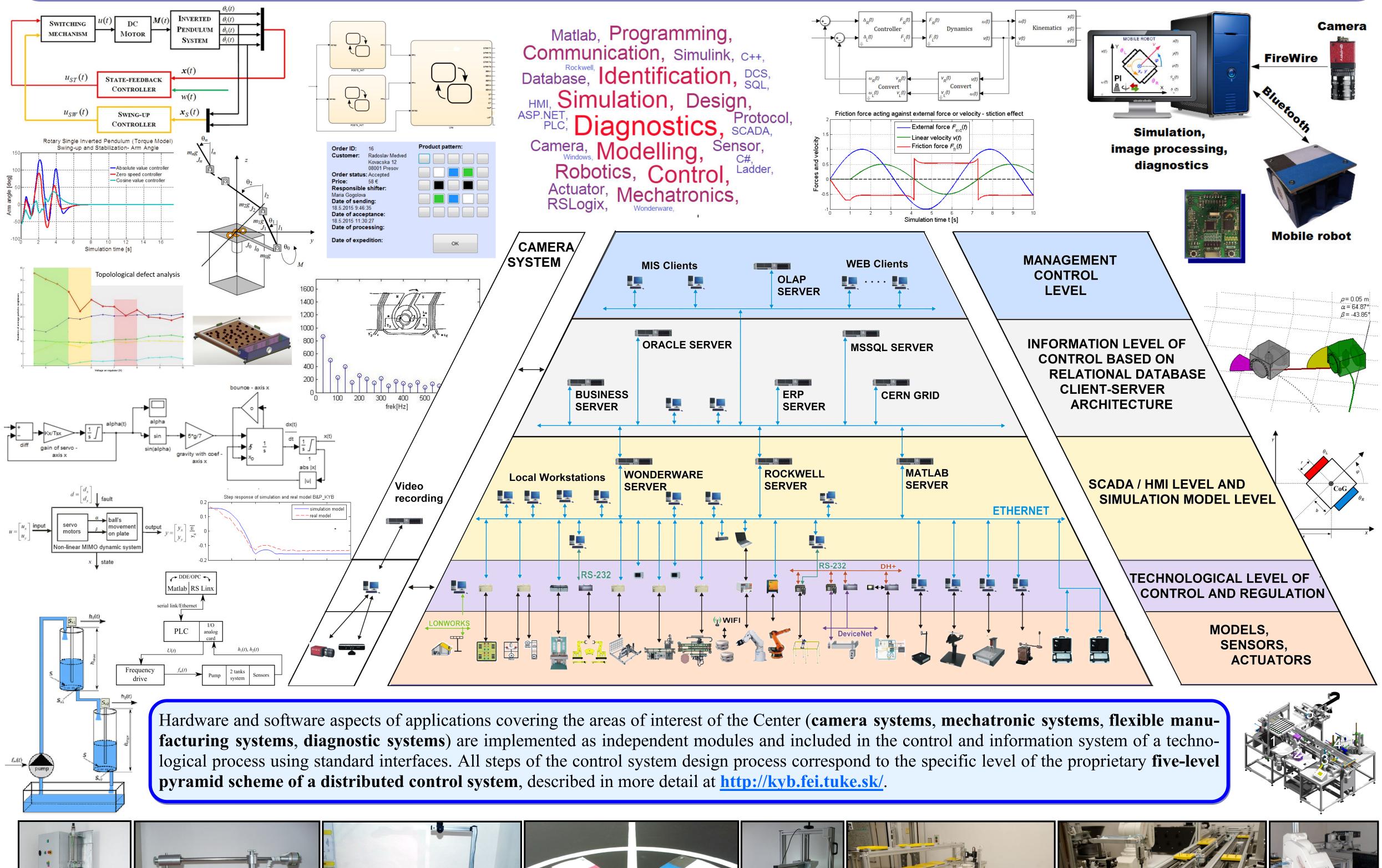
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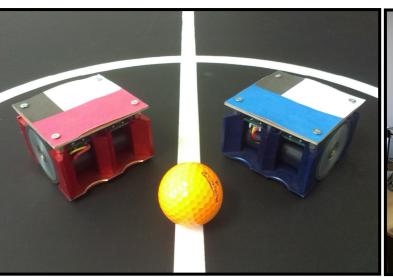
Abstract – Center for Nondestructive Diagnostics of Technological Processes is implemented within the TECHNICOM project at the Technical University of Košice in accordance with the project's intention to improve conditions for getting research results into practice. The focus of the Center's research is on nondestructive, contactless diagnostics of technological processes relying on image recognition systems where images are scanned by means of contact-free characteristics scanning through grayscale, color or thermovision cameras. This equipment is integrated into the control systems of technological processes and interconnected with the mechatronic parts of technological devices or production lines such as servo systems, mobile and manipulator robots. Our project therefore involves a wide range of technical, programming and networking resources which allow the development, experimental verification and adjustment of solutions related to monitoring, diagnostics and control of technological processes.

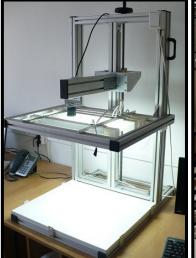


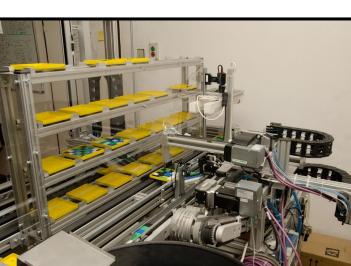


















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