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Posvet Učitelji učiteljem: Uporaba novih tehnologij in inovativnih učnih pristopov pri poučevanju

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Sergio Martín is Associate Professor at UNED (National University for Distance Education, Spain) in the areas of Electronic Engineering and Telematics. He holds a PhD in Industrial Engineering. He is a Computer Engineer. He is ViceChancellor for Educational technologies. He co-directs the I4Labs Research Group - Connected Industry and Educational Technologies for Engineering. His research activity focuses on the Internet of Things, Industry 4.0 and mobile and ubiquitous systems, as well as educational innovation applied to engineering, particularly in trend analysis and remote laboratories.

Plenary lecture title and summary

On-line laboratories to enhance remote acquisition of practical competences

This talk focuses on the importance of on-line laboratories in technical studies to enhance the acquisition of practical competences. It will describe some of the virtual and remote laboratories developed in the I4Labs research group making special emphasis on an open-source software released in the group to allow easy deployment of industry 4.0 remote laboratories in any institution without effort.