

Dr. Rui Pinto



Rui Pinto was born in Santa Maria de Lamas, Santa Maria da Feira, Portugal. In 2013, he received a Master's degree in Electrical and Computer Engineering from the Faculty of Engineering of the University of Porto (FEUP), and in 2022 a PhD in Computer Engineering from the same school. He is currently a PhD Researcher and Invited Teaching Assistant at FEUP. He is also an Integrated Member of the Research Center for Systems & Technologies (SYSTEC).

As an Invited Teaching Assistant Professor, he currently teaches an Introduction to Programming course unit in the Bachelor in Electrical and Computer Engineering (L.EEC) at FEUP. From 2022 to 2023, he taught at the University of Trás-os-Montes and Alto Douro (UTAD) courses in both the Post-Graduation and Bachelor in Industrial Engineering and Management, namely Intelligent Data Analysis, Industrial Systems in the Digital Age, and Seminar in Industrial Management and Engineering. Moreover, from 2017 to 2021, he taught at FEUP course units in the M.Sc. degree in Electrical and Computer Engineering (MIEEC), namely Programming Laboratories and Information Systems, and in the M.Sc. degree in Informatics and Computing Engineering (MIEIC), namely Project Management Laboratory.

Since 2013, as a researcher, he has participated in several national and European Research and Development projects, mainly focused on the topics of digitization of industrial processes, WSN, Edge/Cloud Computing, Smart Components, Cyber-Physical Production systems, bio-inspired cybersecurity and Education 4.0. Some of these projects are: Self-management & device digitalization in manufacturing (Self-Made); Sustainable Management and Control of Agro-Production Systems (SNAP); RE-manufaCturing and Refurbishment LArge Industrial equipMent (RECLAIM); Continental AA's Factory of the Future (Continental FoF); Learning Factories for Digital Transformation of SMEs (FactoRIS | FactoRIS II); INDTECH 4.0 - Novas tecnologias para fabricação inteligente; Network for Empowering People in Added-Value Manufacturing Systems and Technologies (M-NEST I | M-NEST RIS | M-NEST II); Shaping the Next Generation of manufacturing professionals (ShapiNG I | ShapiNG II); The Smart Manufacturing Paradigm – A Tutorial Introduction on Cyber Physical Production Systems (CPPS101); PRODUTECH-SIF - Soluções para a Indústria de Futuro; Health Monitoring and Life-Long Capability Management for SELf-SUStaining Manufacturing Systems (SelSus); Innovative Reuse of modular knowledge Based devices and technologies for Old, Renewed and New factories (ReBorn); and Intelligent Reconfigurable Machines for Smart Plug&Produce Production (I-RAMP³).

In addition, he had the opportunity to supervise and co-supervise at least 22 Bachelor projects, Master's dissertations and PhD thesis on topics related to the smart industry.