Biography

Dr. Antti K. Piironen, Ph.D.
Principal Lecturer, Smart Systems Engineering
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Dr. Antti K. Piironen, Ph.D. is a Principal Lecturer of Smart Systems Engineering and Head of Multiform/Evening Degree Programme in the School of ICT at Metropolia University of Applied Sciences. He collaborates with universities globally on topics related to joint courses, teacher exchange, and curriculum design. His current scholarly activities focus on the providing professional ICT engineering education using mixture of modern and traditional teaching tools and methods.

Dr. Piironen started his educator's career on January 2000 on former EVTEK University of Applied Sciences (later Metropolia UAS). He has been applying project based teaching methods from the very beginning of his teaching career, and has a strong emphasis on co-developing teaching concepts and methods with his national and international partners. Together with his partners he has published the results of educational progress in international conferences and journals.

Metropolia UAS joined CDIO Initiative on 2008 and Dr. Piironen has been an active member on implementing CDIO Standards in his everyday teaching. Dr. Piironen acted as the Head Coordinator on intensive projects organized jointly by four European universities from year 2010 to 2014. The main idea was to gather approximately 40 students and 15 teachers together for three weeks to conceive, design, implement, and operate embedded system prototypes.

Currently Dr. Piironen is teaching Digital Signal Processing, Sensor Interfacing, and PSoC System Design. He also is the Head Coordinator of ICT Summer School held annually on August, which gathers about 20 professors all over the world to teach intensive courses of their speciality in Metropolia Leppävaara Campus.