

Computing in the IoT Era, Opportunities and Challenges

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IoT or Internet of Things, there is nothing ground breaking in this definition, but why is this term gaining some much traction in the last few years? In this presentation, I will start with the plethora of architectures and technologies used in IoT, highlighting the challenges and opportunities. I will present these in the context of hardware, software and tools. And then, I will present the ARM ecosystem contribution, including these not only in the context of hardware, software and tools, but also in education which is an important element of the mix. Finally, a number of conclusions including a speculative view of the mid-to-long term future of IoT will be given.