Preface

Electronics technology has known a very fast development becoming pervasive of everyday life activities. Nowadays, electronics devices are so common that we seldom pay attention to them considering them as usual objects. Electronics devices are often considered a commodity and the attention is toward the application instead of the devices.

Often the prefix "e" is used to technologically qualify a product or a service (E-mail, E-card, E-commerce, E-banking, E-business, E-book, to cite a few) and to communicate that it is new, modern, advanced. Electronics devices have become a part of our life; they are no more a product used in the industrial environment to improve the features of a product. They have changed our life; you only have to think to a smartphone.

The incursion of electronics devices in life has lead to a revision in the electronics engineer's role. It is not enough to be able to design and implement an efficient device. The design has to consider the context in which the device will be used. Factors like human–machine interaction, usability, scalability, reusability must be included into the specification and drive the design of the device.

These considerations lead to put the attention toward the applications and the development of systems that increasingly simplify human activities.

The APPLEPIES conference aims at bringing together researchers and stakeholders, in order to share the state of the art of research and market in the field of applied electronics. The goal is to discuss the most significant trends, to explore the challenges, issues, and opportunities in the research and to debate on visions about the future of the electronics pervading industry, environment, and society.

The conference also includes an exhibition, where industries can highlight their latest products and technological cornerstones for future applications.

APPLEPIES is an annual conference and it is building a scientific community for shaping the future research in the field. This community represents a significant blend of industrial and academic professionals, mainly at Italian level but with an opening over the international audience, committed to the study, development, and deployment of electronics systems in all the main application fields.

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