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                                Distributed Embedded Computing -- Track 2 Embedded Systems --
                                Track 3 Embedded Hardware and Architecture -- Track 4 Middleware
                                for Embedded Computing -- Track 5 Mobile Systems -- Track 6
                                Transducer Network -- Track 7 Embedded Operating System -- Track 8
                                Power-Aware Computing -- Track 9 Real-Time System -- Track 10
                                Embedded System Verification and Testing -- Track 11 Software Tools
                                for Embedded Systems.

   Sommario/riassunto   Welcome to the post proceedings of the First International Conference
                                on Embedded Software and Systems (ICESS 2004), which was held in
                                Hangzhou, P. R. China, 9–10 December 2004. Embedded Software and
                                Systems technology is of increasing importance for a wide range of
                                industrial areas, such as aerospace, automotive, telecommunication,
                                and manufacturing automation. Embedded technology is playing an
                                increasingly dominant role in modern society. This is a natural outcome
                                of amazingly fast developments in the embedded field. The ICESS 2004
                                conference brought together researchers and developers from
                                academia, industry, and government to advance the science,
                                engineering, and technology in embedded software and systems
                                development, and provided them with a forum to present and exchange
                                their ideas, results, work in progress, and experience in all areas of
                                embedded systems research and development. The ICESS 2004
                                conference attracted much more interest than expected. The total

number of paper submissions to the main conference and its three workshops, namely, Pervasive Computing, Automobile Electronics and Tele-communication, was almost 400, from nearly 20 countries and regions. All submissions were reviewed by at least three Program or Technical Committee members or external reviewers. It was extremely difficult to make the final decision on paper acceptance because there were so many excellent, foreseeing, and interesting submissions with brilliant ideas.