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Wireless Systems and Network Architectures in Next Generation Internet

Second International Workshop
of the EURO-NGI Network of Excellence
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Revised Selected Papers

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Preface

The Network of Excellence on Next Generation Internet (EuroNGI) is a European project funded by the European Union within the IST programme. The target of the EuroNGI Network is to put together European centers of excellence in the field of networking and engineering with the specific purpose of promoting the development of effective technological solutions for the support of the future-generation Internet. Besides the Research Activities (RAs), the Network is composed of Integration Activities (IAs), whose purpose is to foster collaborations among different research groups, and Spreading of Excellence Activities (SEAs), whose focus is on the technological transfer of the Network research.

The joint workshops on "Wireless and Mobility" and on "New Trends of Network Services and Architecture" were organized as an integration activity with the precise target of fostering collaboration among research centers spread all over Europe and of animating the discussion on the networking topics addressed by the EuroNGI Network. The workshops were held in parallel in July 2005 in the stimulating environment of Villa Vigoni on Lake Como, Italy.

The present volume contains a revised selection of 19 papers presented at the workshops on cutting-edge research issues in the field of wireless technologies and network services definition. Furthermore, the editors solicited an invited contribution by the Georgia Institute of Technology in the specific field of wireless sensor networks.

Thanks to the utmost importance of the topics addressed and the high level of all 20 contributions, this volume provides an advanced summary of the main research efforts in the field of wireless communication and network services evolution.

February 2006

Matteo Cesana
Luigi Fratta

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