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	Autore	Gavras Anastasius
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Managing QoS for Future Internet Applications over Virtual Sensor Networks -- High Availability in the Future Internet -- Integrating OpenFlow in IMS Networks and Enabling for Future Internet Research and Experimentation -- Computing and Networking Clouds Contrail: Distributed Application Deployment under SLA in Federated Heterogeneous Clouds -- Cloud–Based Evaluation Framework for Big Data -- Optimizing Service Ecosystems in the Cloud -- Resource Optimisation in IoT Cloud Systems by Using Matchmaking and Self-management Principles -- Towards a Secure Network Virtualization Architecture for the Future Internet -- Seeding the Cloud: An Innovative Approach to Grow Trust in Cloud Based Infrastructures -- Internet of Things -- IoT6 – Moving to an IPv6-Based Future IoT -- SmartSantander: Internet of Things Research and Innovation through Citizen Participation -- A Cognitive Management Framework for Empowering the Internet of Things -- Building Modular Middlewares for the Internet of Things with OSGi -- Towards an Architecture for Future Internet Applications -- ComVantage: Mobile Enterprise Collaboration Reference Framework and Enablers for Future Internet Information Interoperability -- Test-Enabled Architecture for IoT Service Creation and Provisioning -- Enabling Technologies and Economic Incentives Sustainable Wireless Broadband Access to the Future Internet -- The EARTH Project -- An Internet-Based Architecture Supporting Ubiquitous Application User Interfaces -- Cooperative Strategies for Power Saving in Multi-standard Wireless Devices -- Counting the Cost of FIRE: Overcoming Barriers to Sustainable Experimentation Facilities -- User Involvement in Future Internet Projects -- Design and Implementation of Cooperative Network Connectivity Proxy Using Universal Plug and Play -- Book Sponsoring Projects Overview 3DLife - Bringing the Media Internet to Life -- CONCORD Project Management of the Future Internet -- FLAMINGO NoE Project Management of the Future Internet -- The GEYSERS Concept and Major Outcomes -- iCore: A Cognitive Management Framework for the Internet of Things -- IoT6 Project in a Nutshell -- Mobile Cloud Networking: Mobile Network, Compute, and Storage as One Service On-Demand -- The SmartenIT STREP Project: Socially-Aware Management of New Overlay Application Traffic Combined with Energy Efficiency in the Internet -- The SmartSantander Project -- UniverSelf, Realizing Autonomics for Future Networks.

Sommario/riassunto	Co-editors of the volume are: Federico Álvarez, Alessandro Bassi, Michele Bezzi, Laurent Ciavaglia, Frances Cleary, Petros Daras, Hermann De Meer, Panagiotis Demestichas, John Domingue, Theo G. Kanter, Stamatis Karnouskos, Srdjan Kro, Laurent Lefevre, Jasper Lentjes, Man-Sze Li, Paul Malone, Antonio Manzalini, Volkmar Lotz, Henning Müller, Karsten Oberle, Noel E. O'Connor, Nick Papanikolaou, Dana Petcu, Rahim Rahmani, Danny Raz, Gaël Richards, Elio Salvadori, Susana Sargento, Hans Schaffers, Joan Serrat, Burkhard Stiller, Antonio F. Skarmeta, Kurt Tutschku, Theodore Zahariadis The Internet is the most vital scientific, technical, economic and societal set of infrastructures in existence and in operation today serving 2.5 billion users. Continuing its developments would secure much of the upcoming innovation and prosperity and it would underpin the sustainable growth in economic values and volumes needed in the future. Future Internet infrastructures research is therefore a must. The Future Internet Assembly (FIA) is a successful conference that brings together participants of over 150 research projects from several distinct yet interrelated areas in the European Union Framework Programme 7 (FP7). The research projects are grouped as follows: the network of the future as infrastructure connecting and orchestrating the future Internet of people, computers, devices, content, clouds and

things; cloud computing, Internet of Services and advanced software engineering; the public-private partnership projects on Future Internet; Future Internet Research and Experimentation (FIRE). The 26 full papers included in this volume were selected from 45 submissions. They are organized in topical sections named: software driven networks, virtualization, programmability and autonomic management; computing and networking clouds; internet of things; and enabling technologies and economic incentives.