Record Nr. UNINA9910293147103321 Autore Domingue John Titolo The Future Internet [[electronic resource]]: Future Internet Assembly 2011: Achievements and Technological Promises / / edited by John Domingue, Alex Galis, Anastasius Gavras, Theodore Zahariadis, Dave Lambert, Frances Cleary, Petros Daras, Srdjan Krco, Henning Müller, Man-Sze Li, Hans Schaffers, Volkmar Lotz, Federico Alvarez, Burkhard Stiller, Stamatis Karnouskos, Susanna Avessta, Michael Nilsson Cham, : Springer Nature, 2011 Pubbl/distr/stampa Berlin, Heidelberg:,: Springer Berlin Heidelberg:,: Imprint: Springer, , 2011 3-642-20898-3 **ISBN** Edizione [1st ed. 2011.] Descrizione fisica 1 online resource (XVI, 465 p.) Computer Communication Networks and Telecommunications;; 6656 Collana Disciplina 004.6 Soggetti Computer communication systems Application software Information storage and retrieval Multimedia information systems Electrical engineering Computers and civilization Computer Communication Networks Information Systems Applications (incl. Internet) Information Storage and Retrieval Multimedia Information Systems Communications Engineering, Networks Computers and Society Lingua di pubblicazione Inglese

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Sommario/riassunto

Irrespective of whether we use economic or societal metrics, the Internet is one of the most important technical infrastructures in existence today. It will be a catalyst for much of our innovation and prosperity in the future. A competitive Europe will require Internet connectivity and services beyond the capabilities offered by current technologies. Future Internet research is therefore a must. This book is published in full compliance with the Open Access publishing initiative; it is based on the research carried out within the Future Internet Assembly (FIA). It contains a sample of representative results from the recent FIA meetings spanning a broad range of topics, all being of crucial importance for the future Internet. The book includes 32 contributions and has been structured into the following sections, each of which is preceded by a short introduction: Foundations: architectural issues; socio-economic issues; security and trust; and experiments and experimental design. Future Internet Areas: networks, services, and content; and applications.