1. Record Nr. UNINA9910460261803321

Titolo	Digital enlightenment yearbook . 2014 Social networks and social machines, surveillance and empowerment / / edited by Kieron O'Hara, University of Southampton, M-H. Carolyn Nguyen, Microsoft, Peter Haynes, Atlantic Counsil
Pubbl/distr/stampa	Amsterdam : , : IOS Press, , [2014] ©2014
ISBN	1-61499-450-1
Descrizione fisica	1 online resource (316 p.)
Disciplina	303.48/33095
Soggetti	Internet - Social aspects Information society Internet - Political aspects Internet - Government policy Internet governance Social media Electronic data management Electronic surveillance Big data Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	""DIGITAL ENLIGHTENMENT YEARBOOK 2014""; ""Foreword""; ""Contents""; ""Prologue Lessons From the Past""; ""Introduction""; ""Part I The Individual as Data Manager""; ""From the Avalanche of Numbers to Big Data: A Comparative Historical Perspective on Data Protection in Transition1""; ""A Privacy by Design Approach to Lifelogging""; ""Social Palimpsests a€? Clouding the Lens of the Personal Panopticon""; ""Seek, and Ye Shall Not Necessarily Find: The Google Spain Decision, the Surveillant on the Street and Privacy Vigilantism""; ""Part II The Individual, Society and the Market"" ""Personal Data Empowerment and the Ideal Observer""""""The Internet of

Things: Building Trust and Maximizing Benefits Through Consumer Control""; ""Watching You Watching Me: The Art of Playing the Panopticon""; ""The Human Side of Big Data: Exploring the way Data Shapes Consumer-Brand Relationships""; ""Part III Big Data and Open Data""; ""The Use of Big Data for Development Goals""; ""Citizen Enablement from Open Data to Open Policy: A Personal View""; ""a€? Datafication a€?, Transparency, and Good Governance of the Data City""; ""Part IV New Approaches""
""The Emerging Paradigm of Social Machines""""""An Open System for Social Computation""; ""The Social Data Environment""; ""Interdisciplinary Perspective on Social Media, Privacy and Empowerment: The Role of Media and Communication Studies in Technological Privacy Research""; ""Epilogue Lessons From the Present""; ""Ten Governance Concerns about the Nature and Use of Data""; ""Editors a€? Biographies""; ""Subject Index""; ""Author Index""

Sommario/riassunto

Tracking the evolution of digital technology is no easy task; changes happen so fast that keeping pace presents quite a challenge. This is, nevertheless, the aim of the Digital Enlightenment Yearbook.This book is the third in the series which began in 2012 under the auspices of the Digital Enlightenment Forum. This year, the focus is on the relationship of individuals with their networks, and explores "Social networks and social machines, surveillance and empowerment". In what is now the well-established tradition of the yearbook, different stakeholders in society and various disciplinary comm

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Autore	Agarwal Seema
Titolo	Electrospinning : a practical guide to nanofibers / / Seema Agarwal [and three others]
Pubbl/distr/stampa	Berlin, [Germany] ; ; Boston, [Massachusetts] : , : de Gruyter, , 2016 ©2016
ISBN	3-11-033351-1 3-11-038260-1
Descrizione fisica	1 online resource (190 p.)
Collana	De Gruyter Textbook
Disciplina	620.1/97
Soggetti	Nanofibers Fibers Electrospinning Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes indexes.
Nota di contenuto	Frontmatter -- Preface -- Contents -- 1. Introduction and fiber-processing methods -- 2. Nanofibers -- 3. Characterization of spinning solutions and fibers -- 4. Electrospinning experiments -- 5. Selected applications of electrospun fibers and chemistry of corresponding polymers -- List of abbreviations -- Polymer index -- Subject Index
Sommario/riassunto	Focuses on basic aspects of nano/microfibers made by electrospinning with details on spinning recipes, characterization techniques and chemistry of the polymers in use. The basic understanding provided in the book, is useful for producing 1D and 3D fibrous structures with specific properties for applications, e.g. textiles, membranes, reinforcements, catalysis, filters or biomedical uses. Students and practitioners will find great value in the step by step instructions how to manufacture nanofibers. - Electrospinning equipment- History of electrospinning and nanofibers -characterization-fundamentals of electrospun fibers- Ready-made recipes for spinning solutions- Conditions for the productions of highly diverse fiber morphologies and arrangements- Chemistry of fiber forming materials