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Titolo	Sociable robots and the future of social relations : proceedings of Robo-Philosophy 2014 / / [edited by] Johanna Seibt, Raul Hakli, Marco Nørskov
Pubbl/distr/stampa	Washington, District of Columbia : , : IOS Press, , [2014] ©2014
ISBN	1-61499-480-3
Descrizione fisica	1 online resource (380 p.)
Collana	Frontiers in artificial intelligence and applications, , 0922-6389 ; ; volume 273
Disciplina	629.892
Soggetti	Robots Intelligent agents (Computer software) Human-computer interaction
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	""Title Page""; ""Acknowledgements""; ""Introduction""; ""Contents""; ""PART 1. Abstracts of Keynote and Plenary Lectures""; ""Android Philosophy""; ""Robots, Empowerment, and Equity""; ""The Automation of the Social? What Robots Teach Us About Sociality and Responsibility""; ""Social Robots as Companions: Challenges and Opportunities""; ""Smart, Autonomous, and Social: Robots as Challenge to Human Exceptionalism""; ""The Other Question: The Issue of Robot Rights""; ""Social and Moral Relationships with Robots""; ""Machine Morality Operationalized""; ""Moral Machines and Human Ethics"" ""PART 2. Session Papers: 1. Modeling Social Capacities""""Key Elements for Human-Robot Joint Action""; ""Affordances and Affordance Space: A Conceptual Framework for Application in Social Robotics""; ""2. Embodied and Social Cognition""; ""Robots Are Not Embodied! Conceptions of Embodiment and Their Implications for Social Human-Robot Interaction""; ""Perceptible Agency, Shared Affordances and Robot Interactions""; ""Social Meta-Learning: Learning How to Make Use of Others as a Resource for Learning""; ""Shaping Robotic Minds""; ""3. Social Ontology"" ""Robot Sociality: Genuine or Simulation?""""Sociality Without Prior

Individuality""; ""Varieties of the 'As If': Five Ways to Simulate an Action""; ""Social Robots and Social Interaction""; ""Artificial Agents: Some Consequences of a Few Capacities""; ""4. Normativity""; ""(How) Can Robots Make Commitments? A Pragmatic Approach""; ""Sociable Robots: From Reliability to Cooperative-Mindedness""; ""Can Robots Understand Normative Constraints?""; ""Ontology and Normativity in the Care-Robot Relationship""; ""5. Communication, Understanding, Empathy""
""Communication-Theoretical Issues in Social Robotics""""""""Robots Cannot Lie"": Performative Parasites of Robot-Human Theatre""; ""A Philosophical Look at the Uncanny Valley""; ""Making Sense of Empathy with Social Robots""; ""Conditions of Empathy in Human-Robot Interaction""; ""6. Moral Agency and Issues of Applied Ethics""; ""Moral Competence in Robots?""; ""Social Robots as Mirrors of (Failed) Communion""; ""Introduction to Moral Induction Model and Its Deployment in Artificial Agents""
""Artificial Moral Agents: Creative, Autonomous, Social. An Approach Based on Evolutionary Computation""""""Trust and Artifacts""; ""Social Robots and Sentimentality""; ""Brains on Wheels: Theoretical and Ethical Issues in Bio-Robotics""; ""Dombots: An Ethical and Technical Challenge to the Robotics of Intimacy""; ""7. Responsibility""; ""Responsibility, Robots, and Humans: A Preliminary Reflection on the Phenomenology of Self-Driving Cars""; ""Robots and Responsibility: A Reply to Mark Coeckelbergh""; ""Ethical Issues Concerning Lethal Autonomous Robots in Warfare""
""Another Case Against Killer Robots""

Sommario/riassunto

The robotics industry is growing rapidly, and to a large extent the development of this market sector is due to the area of social robotics - the production of robots that are designed to enter the space of human social interaction, both physically and semantically. Since social robots present a new type of social agent, they have been aptly classified as a disruptive technology, i.e. the sort of technology which affects the core of our current social practices and might lead to profound cultural and social change.Due to its disruptive and innovative potential, social robotics raises not only

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ISBN	3-540-87355-4
Edizione	[1st ed. 2008.]
Descrizione fisica	1 online resource (XII, 130 p.)
Collana	Computer Communication Networks and Telecommunications, , 2945-9184 ; ; 5276
Classificazione	DAT 250f ELT 620f SS 4800
Disciplina	005.7
Soggetti	Computer networks Software engineering Electronic data processing - Management Application software Computer programming Computer Communication Networks Software Engineering IT Operations Computer and Information Systems Applications Programming Techniques
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Autonomic Networks, Experiences and Frameworks -- Experiences with Application Development for Autonomic Networks -- A Framework for In-Network Management in Heterogeneous Future Communication Networks -- Strategies, Processes and Generation of Components -- Strategy-Trees: A Feedback Based Approach to Policy Management -- Goal-Oriented Autonomic Process Modeling and Execution for Next Generation Networks -- Automated Generation of Knowledge Plane Components for Multimedia Access Networks -- Self-* Capabilities -- Model-Driven Adaptive Self-healing for Autonomic Computing -- Self-

organising Management Overlays for Future Internet Services -- Achieving Self-management in a Distributed System of Autonomic BUT Social Entities -- Short Papers, Early Work and Applied Studies -- Towards an Information Model That Supports Service-Aware, Self-managing Virtual Resources -- A Domain-Specific Modelling Approach for Autonomic Network Management -- Autonomic Provisioning Model for Digital Home Services -- SLA e-Negotiations, Enforcement and Management in an Autonomic Environment.

Sommario/riassunto

Research and development of autonomics have come a long way, and we are delighted to present the proceedings of the 3rd IEEE International Workshop on Modelling Autonomic Communications Environments (MACE 2008).Asin the last two years,this workshopwasheld aspart of Manweek,the International Week on Management of Networks and Services, which took place on the lovely Island of Samos in Greece. MACEstartedasanexperimentin2006, andcreatedasmallcommunitythat now'nds itselfattractedbackeachyearby afeeling ofexcitement-thatthere is something new going on. Certainly, MACE is not as shiny or practiced as other well-known conferences and workshops, but we consider this a feature of the workshopitself. New ideas,a little rougharoundthe edges(and sometimes more than a little), often quite un'nished, pop out and provoke extensive discussion. Scienceneeds this kindofexploratoryadventureandwe werestronglymotivated to preservethis atmosphereof explorationanddiscussionin this year'sprogram. ItisalsoveryinterestingtoobservethesupportofindustryforMACE, indicating that there is a need for new ideas outside the classical academic circles. This year, the submissions were more peripheral to the invited themes of the workshop than in the last two years. We saw prototypes emerging and expe- ments maturing that attempt to now employ the principles introduced in pre- ousyears. WecancallthispartofMACEthe"protoautonomics,"acknowledging that we still have some way to go, but that we are at the exciting beginning of the journey. The book you are holding in your hands presents the accepted papers of the technical sessions of MACE 2008. We had 22 submissions, of which 8 were - cepted as full papers. Furthermore,we allowedfour submissions as short papers.