

Urban Acupuncture

What does it mean to be a good citizen today? What are practices of citizenship? And what can we learn from the past about these practices to better engage in city life in the twenty-first century? *Ancient and Modern Practices of Citizenship in Asia and the West: Care of the Self* is a collection of papers that examine these questions. The contributors come from a variety of different disciplines, including architecture, urbanism, philosophy, and history, and their essays make comparative examinations of the practices of citizenship from the ancient world to the present day in both the East and the West. The papers' comparative approaches, between East and West, and ancient and modern, leads to a greater understanding of the challenges facing citizens in the urbanized twenty-first century, and by looking at past examples, suggests ways of addressing them. While the book's point of departure is philosophical, its key aim is to examine how philosophy can be applied to everyday life for the betterment of citizens in cities not just in Asia and the West but everywhere.

This work is the study of one city, São Paulo, and one idea, how small and precise architectural interventions can be catalytic to major urban transformations. The largest urban agglomeration in the southern hemisphere is now approaching twenty-million inhabitants with a major incongruence: while São Paulo sprawls informally onto non-structured lands, the infrastructured downtown has been emptied out. In an attempt to re-attract activity to the historical core, this thesis suggests the insertion of

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twelve urban projects, small and therefore suitable to the operations of a weak public sector. Designed according to a set of developed criteria, the expectation is that the new urban projects would stimulate the overall rehabilitation of downtown São Paulo.

This thesis investigates three urban acupuncture prescriptions that revolve around heritage, pedestrian flow and densification, and how these can be applied at three scales. The design proposition consists of light architectural renovations on existing buildings in my own neighbourhood village called Royal Oak, in Auckland. It seeks to demonstrate how an urban scaled condition can be significantly improved through placing the design emphasis on micro elements, then how to make them harmonize with big gestures. Overall, the project targets one of the most common and biggest issues of Auckland's suburban centres; the pedestrian flow alienated by car infrastructure which in turn causes the diminishment of the architecture that surrounds it.

This book presents an evidence-based approach to landscape planning and design for urban blue spaces that maximises the benefits to human health and well-being while minimising the risks. Based on applied research and evidence from primary and secondary data sources stemming from the EU-funded BlueHealth project, the book presents nature-based solutions to promote sustainable and resilient cities. Numerous cities around the world are located alongside bodies of water in the form of coastlines, lakes, rivers and canals, but the relationship between city inhabitants and these water sources has often been ambivalent. In many cities, water

has been polluted, engineered or ignored completely. But, due to an increasing awareness of the strong connections between city, people, nature and water and health, this paradigm is shifting. The international editorial team, consisting of researchers and professionals across several disciplines, leads the reader through theoretical aspects, evidence, illustrated case studies, risk assessment and a series of validated tools to aid planning and design before finishing with overarching planning and design principles for a range of blue-space types. Over 200 full-colour illustrations accompany the case-study examples from geographic locations all over the world, including Portugal, the United Kingdom, China, Canada, the US, South Korea, Singapore, Norway and Estonia. With green and blue infrastructure now at the forefront of current policies and trends to promote healthy, sustainable cities, *Urban Blue Spaces* is a must-have for professionals and students in landscape planning, urban design and environmental design. Open Access for the book was funded by the European Union's Horizon 2020 research and innovation programme under grant agreement No 666773

This open access book presents a selection of the best contributions to the Digital Cities 9 Workshop held in Limerick in 2015, combining a number of the latest academic insights into new collaborative modes of city making that are firmly rooted in empirical findings about the actual practices of citizens, designers and policy makers. It explores the affordances of new media technologies for empowering citizens in the process of city making, relating examples of bottom-up or

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participatory practices to reflections about the changing roles of professional practitioners in the processes, as well as issues of governance and institutional policymaking.

During his three terms as mayor of Curitiba, Brazil in the 1970s and '80s, architect and urbanist Jaime Lerner transformed his city into a global model of the sustainable and livable community. From the pioneering Bus Rapid Transit system to parks designed to catch runoff and reduce flooding, and the creation of pedestrian-only zones, Lerner has been the driving force behind a host of innovative urban projects. In more than forty years of work in cities around the globe, Lerner has found that changes to a community don't need to be large-scale and expensive to have a transformative impact—in fact, one block, park, or a single person can have an outsized effect on life in the surrounding city. In *Urban Acupuncture*, Lerner celebrates these “pinpricks” of urbanism—projects, people, and initiatives from around the world that ripple through their communities to uplift city life. With meditative and descriptive prose, Lerner brings readers around the world to streets and neighborhoods where urban acupuncture has been practiced best, from the bustling La Boqueria market in Barcelona to the revitalization of the Cheonggyecheon River in Seoul, South Korea. Through this journey, Lerner invites us to re-examine the true building blocks of vibrant communities—the tree-lined avenues, night vendors, and songs and traditions that connect us to our cities and to one another. *Urban Acupuncture* is the first of Jaime Lerner's visionary work to be published in

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English. It is a love letter to the elements that make a street hum with life or a neighborhood feel like home, penned by one of the world's most successful advocates for sustainable and livable urbanism.

The four-volume set LNAI 6276--6279 constitutes the refereed proceedings of the 14th International Conference on Knowledge-Based Intelligent Information and Engineering Systems, KES 2010, held in Cardiff, UK, in September 2010. The 272 revised papers presented were carefully reviewed and selected from 360 submissions. They present the results of high-quality research on a broad range of intelligent systems topics.

This book discusses the way that a nature-driven approach to urbanism can be applied at each of the urban scales; architectural design, urban design of neighborhoods, city planning and landscape architecture, and at the city and regional scales. At all levels nature-driven approaches to design and planning add to the quality of the built structure and furthermore to the quality of life experienced by people living in these environments. To include nature and greening to built structures is a good starting point and can add much value. The chapter authors have fiducia in giving nature a fundamental role as an integrated network in city design, or to make nature the entrance point of the design process, and base the design on the needs and qualities of nature itself. The highest existence of nature is a permanent ecosystem which endures stressors and circumstances for a prolonged period. In an urban context this is not always possible and temporality is an interesting concept explored when nature is not a permanent feature. The ecological contribution to the environment, and indirect dispersion of species, from a temporary location will, overall add biodiversity to the entire system.

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This design thesis applies the concept of "Urban Acupuncture" through the lens of Landscape Architecture within a UNESCO-designated historical community in Suwon, Korea. Due to the historical fabric of the area, development is highly restricted and the neighborhood community is facing difficulties, including the restrictions on redevelopment, pressure to accommodate increased tourism, increasing vacant spaces, and an imbalance of development. To address these issues, this thesis proposes utilizing urban vacant spaces and enhancing existing open space to address community needs identified through community involvement. To identify specific developable outdoor sites for residents and visitors within this neighborhood, the thesis draws on the results of two community meetings, held in the Haenggung neighborhood in 2018 and 2019. Based on the community needs identified at these meetings, the thesis design focuses on appropriate sites within the neighborhood to ease the growing tension. The specific focus of the design is four spaces including a multifunctional open public plaza, community p-patch park, and open public seating area for residents and visitors. The methods and concepts developed and demonstrated in this thesis can be applied throughout the entire Haenggung neighborhood and can create a better sustainable community within Suwon City in the future. This book constitutes the refereed proceedings of the 16th International Conference on Computer-Aided Architectural Design Futures, CAAD Futures 2015, held in São Paulo, Brazil, in July 2015. The 33 revised full papers presented were carefully reviewed and selected from 200 submissions. The papers are organized in topical sections on modeling, analyzing and simulating the city; sustainability and performance of the built space; automated and parametric design; building information modelling (BIM); fabrication and materiality; shape studies.

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An award-winning curator and editor of Icon magazine chronicles his travels through Latin America in search of urban design activists, citing the examples of visionaries who are revolutionizing social housing, public architecture and community development.

How should designers respond to urban uncertainty? How can we ensure our urban heritage is protected against urban risks and climate change? How can we create places that increase urban quality, socialisation, equity and opportunities for change minimising environmental damages? This volume addresses current trends and challenges, that explore on how we transform our urban heritage in ways which increase urban resilience embracing innovation and technology. Part one provides a critical view in driving forward a new conception of urban transformation that should respond to current concerns around economic, social and urban change. Part two underscores the importance of the current perception of urban and architectural design that can take into consideration climate change.

This thesis is an exploration in biophilic design through urban acupuncture. It is an investigation of what is possible at a small scale within the existing dense urban fabric. The intentions are that while we may begin with small experimentations, these ideas and applications of the varied approaches to biophilic design may be scaled up and out and applied throughout our built environment. The small scale of the designs proposed through this thesis allow a framework for experimentation and the design proposal is purposefully retained to a conceptual idea of nature as it relates to sensory experiences.

This book aims to provide a cross-sectorial assessment in a multidisciplinary and trans-cultural context onto the innovations in urban and architectural approaches in designing next human environments within the Albanian

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context. The continuous concentration of the world population in the urban areas and their consequent densification require even more quantity of quality spaces and places, integrated resources and energies, alternative modalities of mobility and transports, demand of social inclusion and need for a circular economy. These have become the major challenges for this 21st Century and some of the greatest problems facing humanity in most of current vision for the future. The main objective is to feed a debate about the emerging trans-cultural (and trans-national) approaches in the whole designing field, from Albanian context and its current good practices, attempts and faults, both formal and informal. Thus, the Albanian experience may represent an opportunity through which we all may reflect about how designing is evolving in the Mediterranean arena of "praxis and experiments" aimed to a better quality of life at the human scale and in expanding the concepts of "place and space" such as it has improved by the effects in designing innovations. This book represents a useful read of theories, experiences and case studies, which can help in enlarging reflection on how the designing practice is evolving in the arena of forthcoming development strategies and tactics, all addressed to improve the quality of life, places and spaces. Additionally, it provides a range of architecture and urban design rationales and strategies for reinforcing identities and creating memorable places within the quality of contemporary architecture and urbanism. It addresses the unique needs of architects and planners to deal with topics that cut across social, economic and environmental issues and shows readers how to explore methods, theoretical frameworks and techniques to address the complex needs of architecture, urban and cultural development.

As urban designers respond to the critical issue of climate change they must also address three cresting cultural waves:

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the worldwide rural-to-urban migration; the collapse of global fertility rates; and the disappearance of the middle class. In *Five Rules for Tomorrow's Cities*, planning and design expert Patrick Condon offers five rules to help urban designers assimilate these interconnected changes into their work: (1) See the City as a System; (2) Recognize Patterns in the Urban Environment; (3) Apply Lighter, Greener, Smarter Infrastructure; (4) Strengthen Social and Economic Urban Resilience; and (5) Adapt to Shifts in Jobs, Retail, and Wages. *Five Rules for Tomorrow's Cities* provides grounded and financially feasible design examples for tomorrow's sustainable cities, and the design tools needed to achieve them.

M. Casagrande offers a therapy for the sickness of our cities, a path to achieve what he calls the Third Generation City, where “the ruin” is the reality produced by nature, and nature forces take the initiative, affecting the design of industrial society, and becoming co- architects. Casagrande's “biourban acupuncture” revives the traditional Chinese medicine practice on city scale, in order to trigger purifying and healing processes in the urban organism.

What if divided neighborhoods were causing public health problems? What if a new approach to planning and design could tackle both the built environment and collective well-being at the same time? What if cities could help each other? Dr. Mindy Fullilove, the acclaimed author of *Root Shock*, uses her unique perspective as a public health psychiatrist to explore ways of healing social and spatial fractures simultaneously. Using the work of French urbanist Michel Cantal-Dupart as a guide, Fullilove takes readers on a tour of successful collaborative interventions that repair cities and make communities whole.

Urban areas have been caught up in a turbulent process of transformation over the past 50 years and changes have

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been rapid, with issues such as mobility, nature, water management, energy use and public space featuring prominently. In each Olympic year since 1988, the Faculty of Architecture at Delft University of Technology has held an international conference focusing on the connection between research and design, exploring the field of tension between science, technology and art. This book presents the proceedings of the latest in this series of conferences: New Urban Configurations, held in Delft, the Netherlands, in October 2012 in collaboration with the European Association for Architectural Education (EAAE) and the International Seminar on Urban Form (ISUF). This edition of the conference discussed the role and critical potential of the architectural project in the transformation process of cities and territories that leads to new urban configurations. The publication contains all 140 accepted papers and a selection of the keynote lectures presented at the conference. The papers have been grouped into five main themes: innovation in building typology; infrastructure and the city; complex urban projects; green spaces, and delta urbanism. Four of these major topics are further divided into several subtopics. This book will be of interest to everyone involved in designing, building, thinking about as well as managing the urban landscape and territory.

Urban Acupuncture in Large Cities: Filtering Framework to Select Sensitive Urban Spots in Riyadh for Effective Urban Renewal Dr. Usama Abd Elhameed Nassar 1-18 HTML PDF XML Mediterranean Morphologies in Hot Summer Conditions: Learning from France's "Glorious Thirty" Holiday Housing M.Sc. Marjan Sansen, Dr. Andrés Martínez, Dr. Philippe Devillers 19-34 PDF HTML XML Urbanization, Housing Quality and Health: Towards

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a Redirection for Housing Provision in Nigeria Dr. Oluwafemi K. Akande 35-46 PDF HTML XML Model Cities for Resilience: Climate-led Initiatives Dr. Didem Gunes Yilmaz 47-58 PDF HTML XML SIMURG_CITIES: Meta-Analysis for KPI's of Layer-Based Approach in Sustainability Assessment PhD Candidate. Burcu Ülker , Prof. Dr. Alaattin Kano?lu, Prof. Dr. Özlem Özçevik 59-76 PDF HTML XML Urban Land-use and Traffic Congestion: Mapping the Interaction Ph.D. Candidate James Kanyepe, Prof. Dr. Marian Tukuta, Prof. Dr. Innocent Chirisa 77-84 PDF HTML XML Enhancing Security in Affordable Housing: The Case of Prince Fawaz Project Professor Dr. Maged Attia 85-100 PDF HTML XML Towards the Egyptian Charter for Conservation of Cultural Heritages Associate Professor Dr. Corinna Rossi, Sara Rabie 101-111 PDF HTML XML Book Reviews Book Review: Smart City Citizenship Dr. Igor Calzada 113-118 PDF HTML XML Teaching Landscape: The Studio Experience gathers a range of expert contributions from across the world to collect best-practice examples of teaching landscape architecture studios. This is the companion volume to The Routledge Handbook of Teaching Landscape in the two-part set initiated by the European Council of Landscape Architecture Schools (ECLAS). Design and planning studio as a form of teaching lies at the core of landscape architecture education. They can simulate a professional situation and promote the development of creative solutions based on gaining an understanding of a specific project site or planning area; address existing challenges in urban and rural landscapes; and often

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involve interaction with real stakeholders, such as municipality representatives, residents or activist groups. In this way, studio-based planning and design teaching brings students closer to everyday practice, helping to prepare them to create real-world, problem-solving designs. This book provides fully illustrated examples of studios from over twenty different schools of landscape architecture worldwide. With over 250 full colour images, it is an essential resource for instructors and academics across the landscape discipline, for the continuously evolving process of discussing and generating improved teaching modes in landscape architecture.

This book explores the possibility to observe the lives of cities through ubiquitous information obtained through social networks, sensors and other sources of data and information, and the ways in which this possibility describes a new form of Public Space, which can be used to define new forms of citizenship and participated city governance. The work is the result of years of research across sciences, arts, design, ethnography, cultural geography, performed by multiple researchers, understanding the Relational Ecosystems of cities (the flows of relation, information, knowledge and emotion in the city) and using them to reinterpret the concept of Urban Acupuncture: from the Third Space, Third Landscape and Third Generation City, to the Third Infospace; from Urban Acupuncture to Digital Urban Acupuncture. The book starts by exploring the many theories and methodologies which have been used to try to capture and use the revolutionary potential found in the daily lives of cities. From De Certeau, to Latour,

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Bateson, Bhabha, and all the way to Castells, Clément, Boyd, Casagrande. In a progression which moves from the Third Space (Soja, De Certeau), to the Third Landscape (Clément), to the Third Generation City (Casagrande), to the Third Paradise (Pistoletto), the book arrives at a definition of the Third Infoscape, following up on Kevin Lynch: a new legibility and imageability of the city. Its main themes and objectives lie in the desire to observe and understand the radical transformation of the definitions, boundaries and configurations of what we call public and private spaces, in different cultures and communities, in the age of communication, information and knowledge, and to use these understandings to formulate a set of working hypotheses for the positive, constructive, active and participatory usage of these transformed scenarios, contributing to the re-definition of concepts such as citizenship, city-governance, urban planning, civic decision-making, and more. And using, in the process, techniques such as Urban Acupuncture, Actor-Network Theory, Diasporic analysis, Peer-to-peer Urbanism and more. Multiple real-life research scenarios and documented case studies will be used, from 4 continents, coming from our research and from other international contributions.

"Analyzes nine case studies realized in eight European cities by different designers in collaboration with different stakeholders. Based on this analysis, nine strategies of public space acupuncture have been defined, which are grouped into three general categories: time-based strategies, citizen participation and re-placemaking. The

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characteristics of the different strategies and how they work are illustrated using 21 projects or test-cases developed by Casanova+Hernandez in collaboration with a number of municipalities, public and private clients, as well as universities and cultural institutions. In this way, the theoretical investigation is complemented with examples of its implementation in the fields of urban planning and landscape architecture, as well as with the diffusion of the built knowledge through educational activities and thematic lectures held at several universities and cultural institutions worldwide. . . . The strategies included in the book . . . experiment with a wide variety of topics, including flexible strategies, bottom-up strategies, temporary interventions, citizen participation, low-cost interventions, self-building, transformable structures and nomadic interventions"--Page [13].

Urban AcupunctureIsland Press

Urban Ecology covers the latest theoretical and applied concepts in urban ecological research. This book covers the key environmental issues of urban ecosystems as well as the human-centric issues, particularly those of governance, economics, sociology and human health. The goal of Urban Ecology is to challenge readers' thinking around urban ecology from a resource-based approach to a holistic and applied field for sustainable development. There are seven major themes of the book: emerging urban concepts and urbanization, land use/land cover change, urban social-ecological systems, urban environment, urban material balance, smart, healthy and sustainable cities and sustainable urban

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design. Within each section, key concepts such as monitoring the urbanization phenomena, land use cover, urban soil fluxes, urban metabolism, pollution and human health and sustainable cities are covered. Urban Ecology serves as a comprehensive and advanced book for students, researchers, practitioners and policymakers in urban ecology and urban environmental research, planning and practice. Includes global case studies from over 14 countries, providing a first-hand account of recent applications Covers the phenomena of sustainable transport, nutrient recovery and human health, among many others Examines environmental issues as well as social-ecological systems and governance

Cities, Koolhaas suggests, are defined by their buildings, In 1914, cities looked very different from one another. Today cities look very much alike. Koolhaas's assumption is that modernization begins in the west and quickly colonizes the rest of the world, leaving only "non-architectural" building practices and customs as traces of national architectural identity. Urbanization in Shenzhen is being consumed by this western colonization , it threatening the survival of the urban village. In China, there are many urban villages that carry the tradition and culture of centuries of Chinese existence. The government is demolishing these histories and replacing them with fancy modern buildings making the western mega city as the city's identity. Urban Acupuncture are a series of architectural strategies which attempt to defend the rich culture and livelihood of the urban village. Urban Acupuncture

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presents a socio - environmental theory as a strategy for urban renewal that defends merging contemporary living with historical traditional living. Using small-scale interventions to integrate the mega urban with the urban village provides opportunities for a new transformational context. With urban acupuncture the village trust, identification of belonging, and close interpersonal relationships of the busy pedestrian street life are championed, and the urban village emerges as the one type of the city for the future.

This book explores potentialities and emerging issues to strategies and waterside planning and design, developing research results and detailed cases of interest in response to city change, to promote sustainable development in a variety of ways. It seeks to include some key waterfront matters in linking new spatial patterns to social dynamics and climate change, for future practice. The book is structuring into two parts: The first one – ‘Advancing Riverfront Transformation’ – examines proposals on urban waterfronts and relations between urban spaces and social dynamics to revitalise and re-appropriate urban environment with sustainable design solutions. The second one – ‘Outlining Blue-Green Opportunities’ – develops proposals on waterfront urban spaces and places with promotion of sociability and enjoyment, integrating cultural and economic values, health and wellbeing.

Community is a central idea in urban studies but remains conceptually vague and empirically difficult to work with. Building on existing theories of community, Talja Blokland offers an important contribution to defining and

understanding this key theme. Blokland argues that there has been too much focus on community as a stable construct, formed by durable relationships with kin, friends, social groups or neighbours. She draws attention to the non-durable, fluid encounters that constitute community, theorizing communities as shared urban practices in a globalizing world. The book proposes two core ways of thinking about community: the dimension of familiarity, defined by our ability to construct identities, and the dimension of access, defined by our freedom to enter and leave urban spaces. These dimensions form various urban configurations which enable us to experience and practise community in diverse ways. As this book maintains, community is after all an urban practice, not a fixed state of affairs.

History has shown that there are moments in time when a product, service or movement crosses a threshold and grows exponentially, like a contagious epidemic, from the smallest yet vastly important of influences or events.

Similarly, cities experience a parallel process. In the contemporary vernacular, epidemic carries with it a negative connotation, referring to disease, infection or contamination. In reality, it refers to a means or method of transmission, in particular a rapid spread, growth or development. In the manner that an outbreak can rapidly expand into prosperity, its decline can trend similarly and in some cases take an even faster path into deprivation. Throughout Europe and the United States, cities once dominated by manufacturing and production have become recognized for their unusual urban fabric due to deindustrialization and suburban sprawl. More notably,

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cities in the Rust Belt region of America experienced massive growth in the early twentieth century followed by rapid population reductions and urban depletion since the 1950's. The cause of these trends tends to be intangible, rooted in communication, cultural, political and social issues, while the impact is typically reflected in the physical surroundings, vis-a-vis decaying architecture, infrastructure and the natural environment of the modern city. Arguably, Detroit has experienced these problems the hardest. In his book *Tipping Point*, Malcolm Gladwell goes into great detail to explain how little things can provide huge epidemics (both good and bad) on social behaviors and preferences. For example, in 1994, Hush Puppies footwear hit a tipping point when a group of kids from the East Village, New York started wearing the shoes to bars and clubs, not in an attempt to make a fashion statement, but because no one else was wearing them. Fashion designers, photographers and artists took note and the soon-to-be-phased out shoe line was revived, with sales growing from thirty thousand to nearly two million within two years. The concept of small influences having large, beneficial impacts is suggestive to acupunctural healing techniques. By metaphorically adopting the fundamental principles of acupuncture and applying it to the city and its infrastructure, small, precise interventions in the urban body could potentially revive the relationship between Detroit and Windsor and its social disconnection.

In response to the contentious process surrounding the selection of a design for the World Trade Center site, the use of spectacular buildings to brand cities and

institutions, and the dizzying transformations of the skylines of Shanghai and Dubai, public awareness of architecture and design has perhaps never been higher. At the same time, architecture itself is undergoing an identity crisis as it confronts fundamental issues: the effect of digital technology on design, the pervasive impact of global capitalism, and whether to embrace or resist popular media and taste. *The New Architectural Pragmatism* collects the most provocative, penetrating, and influential attempts by leading theorists and practitioners in the field to define what architectural practice should be at the beginning of the twenty-first century. Written in the aftermath of modernism's utopian impulse and postmodernism's detached playfulness, the essays gathered here express and critique a new spirit of cultural and political engagement with contemporary society. Interrogating the architect's social responsibility, the contributors deliberate about how much we should ask of architecture and suggest that in the coming century, architecture must be at once flexible and robust, responsive and self-directed. Contributors: Stan Allen; George Baird; Lucy Bullivant; James Corner; Hal Foster; Kenneth Frampton; K. Michael Hays; Dave Hickey; Robert Levit; Evonne Levy; Reinhold Martin; Jorge Silvetti; Robert Somol; Philippe Starck; Roemer van Toorn; Sarah Whiting; Alejandro Zaera-Polo. William S. Saunders is editor of *Harvard Design Magazine* and assistant dean for external relations at Harvard University's Graduate School of Design. He is the editor of four previous *Harvard Design Magazine Readers*, published by Minnesota.

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