

1. Record Nr.	UNINA9910978265203321
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Titolo	Smart Life and Smart Life Engineering : Current State and Future Vision // edited by Elena Kornyshova, Rébecca Deneckère, Sjaak Brinkkemper
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2025
ISBN	9783031758874 3031758870
Edizione	[1st ed. 2025.]
Descrizione fisica	1 online resource (354 pages)
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Disciplina	005.3
Soggetti	Application software Computers and civilization Sociology, Urban Computer and Information Systems Applications Computers and Society Urban Sociology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Part I - Fundamentals of Smart Life and Smart Life Engineering -- 1. Exploring Smart Life -- 2. Taxonomy of the Scientific Domain of Smart Life -- 3. Evolution of the Scientific Domain of Smart Life -- 4. A Review of Social, Behavioural, and Ethical Considerations for Smart Life Engineering -- Part II - Conceptual Contributions to Smart Life -- 5. Smart Environments: Implications for Environmental Governance -- 6. I'm Afraid HAL Can't Do That: Why Your Smart Home Is Not an Existential Threat (At Least Not the Kind You Think It Is) -- 7. Stakeholders in Smart City Standardisation -- 8. Towards a Consensual Definition for Smart Tourism and Smart Tourism Tools -- Part III - Smart Life Applications -- 9. Smart-Viticulture and Deep Learning: Challenges and Recent Developments on Yield Prediction -- 10. How Do You Ride an Elevator? – Passenger In-Cabin Behaviour Analysis on a Smart-Elevator Platform -- 11. Wireless Crowd Detection for Smart Overtourism Mitigation -- Part IV - Experience Reports of Smart Life Applications -- 12. Leuven: A Smart City Experience.-13. Enhancing the Visitor

Sommario/riassunto

This open access book defines the field of Smart Life and Smart Life Engineering, identifying a clear scope of what constitutes “smart” in the context of digital technologies, develops a cross-field perspective, provides insights into various related disciplines, and offers illustrative examples of existing works in the field. To this end, it contains thirteen chapters divided into four parts: “Fundamentals of Smart Life and Smart Life Engineering” begins with an exploration of the concept of Smart Life, defines a detailed taxonomy of smart applications and their evolution over time, and, finally, delivers a comprehensive review of social, behavioral, and ethical considerations. Next, “Conceptual Contributions to Smart Life” explores innovative ideas in smart environment, smart home, smart city, and smart tourism. Subsequently, “Smart Life Applications” examines real-world implementations and their impact on various domains including viticulture, elevators, and overtourism. Eventually, “Experience Reports of Smart Life Applications” presents smart city experiences of the cities of Leuven and Monserrate respectively. Written for researchers and industrial professionals from a very large set of fields, this book explores the fascinating domain of smart technologies and their impact on our daily lives and brings together the works around societal, methodological, and technological aspects of Smart Life.