

1. Record Nr.	UNISA996466007003316
Titolo	Compiler Construction [[electronic resource] ] : 18th International Conference, CC 2009, Held as Part of the Joint European Conferences on Theory and Practice of Software, ETAPS 2009, York, UK, March 22-29, 2009, Proceedings // edited by Oege de Moor, Michael I. Schwartzbach
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2009
ISBN	3-642-00722-8
Edizione	[1st ed. 2009.]
Descrizione fisica	1 online resource (XII, 281 p.)
Collana	Theoretical Computer Science and General Issues, , 2512-2029 ; ; 5501
Disciplina	005.13
Soggetti	Compilers (Computer programs) Computer engineering Computer networks Software engineering Computer systems Computer science Algorithms Compilers and Interpreters Computer Engineering and Networks Software Engineering Computer System Implementation Computer Science Logic and Foundations of Programming
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Challenges in Code Optimization of Parallel Programs -- Extensible Proof-Producing Compilation -- From Specification to Optimisation: An Architecture for Optimisation of Java Bytecode -- A Framework for Exploring Optimization Properties -- Compile-Time Analysis and Specialization of Clocks in Concurrent Programs -- Implementation and Use of Transactional Memory with Dynamic Separation -- Exploiting Speculative TLP in Recursive Programs by Dynamic Thread Prediction --

Live Debugging of Distributed Systems -- Parsing C/C++ Code without Pre-processing -- Faster Scannerless GLR Parsing -- Decorated Attribute Grammars: Attribute Evaluation Meets Strategic Programming -- SSA Elimination after Register Allocation -- Register Spilling and Live-Range Splitting for SSA-Form Programs -- Loop-Aware Instruction Scheduling with Dynamic Contention Tracking for Tiled Dataflow Architectures -- Scheduling Tasks to Maximize Usage of Aggregate Variables in Place -- Dynamic Look Ahead Compilation: A Technique to Hide JIT Compilation Latencies in Multicore Environment -- Precise Management of Scratchpad Memories for Localising Array Accesses in Scientific Codes -- Blind Optimization for Exploiting Hardware Features -- How to CPS Transform a Monad.

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Sommario/riassunto

This book constitutes the refereed proceedings of the 18th International Conference on Compiler Construction, CC 2009, held in York, UK, in March 2009 as part of ETAPS 2009, the European Joint Conferences on Theory and Practice of Software. Following a very thorough review process, 18 full research papers were selected from 72 submissions. Topics covered include traditional compiler construction, compiler analyses, runtime systems and tools, programming tools, techniques for specific domains, and the design and implementation of novel language constructs.

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2. Record Nr.	UNINA9910881096403321
Titolo	Textile Industry and the SDGs : Exploring Synergies for a Better Future / / edited by José Fernando Gallego-Nicholls, Agustín Carrilero-Castillo
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2024
ISBN	9789819750733 9789819750726
Edizione	[1st ed. 2024.]
Descrizione fisica	1 online resource (130 pages)
Collana	SDGs and Textiles, , 2948-1244
Disciplina	677.00286
Soggetti	Refuse and refuse disposal Building materials Sustainability Environmental education Industrial engineering Production engineering Waste Management/Waste Technology Wood, fabric, and textiles Environmental and Sustainability Education Industrial and Production Engineering
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Textile Industry and Sustainability: An Integrated Examination -- Exploratory analysis of best practices in green innovation and the SDGs in major textile economie -- Sustainable fashion communication: how to overcome the hidden fear of Spanish bran -- Revolutionizing Textiles: Jeanologia's Tech-Driven Approach to Environmental Preservation and SDG Fulfilment -- From Shoppers to Agents of Change: Consumer Behavior and Collaborative Fashion Consumption in Spain -- The Fashion industry in crowdfunding sites: An analysis of the sustainable consumption cues that shape the future of the fashion business -- Strategies in the luxury fashion industry integrating the circular economy to impact SDG12 and SDG13.
Sommario/riassunto	This book offers an exploration of the textile industry and their

relationship to the Sustainable Development Goals (SDGs), catering specifically to academic researchers and providing a roadmap for aligning textile research with the SDGs. It covers a wide range of topics, starting with an overview of the SDGs and their relevance to the textile industry. It examines the environmental footprint of textiles, including issues related to raw material sourcing, manufacturing processes, and waste management. Additionally, it explores the social and economic aspects of textiles, such as labor conditions, fair trade, and responsible consumption. One of the main focuses of this book is the role of innovation and technology in advancing sustainable textiles. It discusses emerging materials and technologies that promote circularity, reduce environmental harm, and enhance social well-being. Furthermore, it explores the potential of digitalization, artificial intelligence, and data analytics in optimizing textile production, distribution, and consumption patterns. This book also addresses the challenges and opportunities associated with sustainable textile supply chains. It analyzes the complexities of global value chains, the need for transparency and traceability, and the importance of collaboration among stakeholders. Furthermore, it highlights strategies for promoting sustainable fashion, encouraging responsible consumption, and fostering circular business models. By delving into these topics, this book aims to solve several key problems faced by academic researchers in the field of textiles and sustainability. It provides a holistic understanding of the SDGs and their integration into textile research, helping researchers align their work with broader sustainability objectives. It offers insights into the latest innovations and technologies, enabling researchers to explore cutting-edge solutions for sustainable textiles. Additionally, it presents case studies and best practices from industry leaders, inspiring researchers to undertake impactful research and contribute to positive change. This book is intended for academic researchers, as well as practitioners, specializing in textiles, sustainability, and related fields. It serves as a valuable resource for professors, postgraduate students, and professionals seeking to deepen their knowledge of the interplay between textiles and the SDGs. It encourages critical thinking, fosters interdisciplinary collaboration, and equips researchers with the tools and insights necessary to drive sustainable transformations within the textile industry and beyond.

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