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Titolo	High performance computing [[electronic resource]] : from grids and clouds to exascale / / edited by Ian Foster ... [et al.]
Pubbl/distr/stampa	Amsterdam, The Netherlands, : IOS Press, 2011
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Descrizione fisica	1 online resource (320 p.)
Collana	Advances in parallel computing, , 0927-5452 ; ; v. 20
Altri autori (Persone)	Foster Ian
Disciplina	004
Soggetti	High performance computing Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
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Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and indexes.
Nota di contenuto	Title Page; Preface; Contents; State-of-the-Art and Future Scenarios; The History of the Grid; Shaping the Petaflop-Era in Europe - Supercomputing Made in Julich; Exascale Computing and the Role of Co-Design; Fast Heterogeneous Computing: Principles and CUDA Programming; Grids and Clouds; Integrating Service and Desktop Grids at Middleware and Application Level; Crosscloud Computing; High Performance Computing as a Service; A Prototype Implementation of Desktop Clouds; Technologies and Systems; Component-Oriented Approaches for Software Development in the Extreme-Scale Computing Era An Operating System Strategy for General-Purpose Parallel Computing on Many-Core Architectures High Performance Composition Operators in Component Models; High-Performance Computing on Heterogeneous Systems: Database Queries on CPU and GPU; Applications; Service-Oriented Data Analysis in Distributed Computing Systems; System Level Acceleration with Blue Gene/L: Grand Challenge Problems in Physiological Multi-Scale Modelling; Towards the Scalability of Real-Time Online Interactive Applications on Multiple Servers and Clouds

Sommario/riassunto

In the last decade, parallel computing technologies have transformed high-performance computing. Two trends have emerged: massively parallel computing leading to exascale on the one hand and moderately parallel applications, which have opened up high-performance computing for the masses, on the other. The availability of commodity hardware components, a wide spectrum of parallel applications in research and industry and user-friendly management and development tools have enabled access to parallel and high-performance computing for a wide spectrum of end users from research and academia to mid

2. Record Nr.

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Titolo

Informal employment in advanced economies // guest editor: Colin C. Williams

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Descrizione fisica

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Collana

International Journal of Manpower, an interdisciplinary journal on human resources, management and labour economics ; ; 27, no. 6

Altri autori (Persone)

WilliamsColin C. <1961->

Disciplina

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Soggetti

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Nota di contenuto

Cover; CONTENTS; EDITORIAL ADVISORY BOARD; Guest editorial; Estimating the size of the Cypriot underground economy; Harnessing the hidden enterprise culture of advanced economies; Tackling informal employment: the case of southern Italy; Precarious migrant knowledge

workers: new entrepreneurial identities in Naples, Italy; Enterprising futures or dead-end jobs? Women, self employment and social exclusion;

Sommario/riassunto

Informal employment can be defined as 'the paid production and sale of goods and services that are unregistered by, or hidden from, the state for tax, social security and/or labour law purposes but which are legal in all other respects' (Williams and Windebank, 1998: 4). It is now recognised that informal employment is growing in importance as economies develop. This recognition that informal employment is far from some vestige of a pre-capitalist past that is peripheral and dwindling, but is a strong and growing part of advanced economies, has resulted in recent years in a growing interest in