1. Record Nr.	UNINA9910464694203321
Autore	Cooper Frederick <1947->
Titolo	Africa in the world : capitalism, empire, nation-state / / Frederick Cooper
Pubbl/distr/stampa	Cambridge, Massachusetts ; ; London, England : , : Harvard University Press, , 2014 ©2014
ISBN	0-674-36931-9 0-674-36930-0
Edizione	[Pilot project,eBook available to selected US libraries only]
Descrizione fisica	1 online resource (145 p.)
Disciplina	960.32
Soggetti	African diaspora Electronic books. Africa History 20th century Africa Politics and government 20th century Africa Foreign relations 20th century
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Front matter -- Contents -- Maps -- Preface -- Introduction -- 1. Africa and Capitalism -- 2. Africa and Empire -- 3. Africa and the Nation-State -- Conclusion: Africa in the World, Past, Present, Future -- Notes -- Index
Sommario/riassunto	At the Second World War's end, it was clear that business as usual in colonized Africa would not resume. W. E. B. Du Bois's The World and Africa, published in 1946, recognized the depth of the crisis that the war had brought to Europe, and hence to Europe's domination over much of the globe. Du Bois believed that Africa's past provided lessons for its future, for international statecraft, and for humanity's mastery of social relations and commerce. Frederick Cooper revisits a history in which Africans were both empire-builders and the objects of colonization, and participants in the events that gave rise to global capitalism. Of the many pathways out of empire that African leaders envisioned in the 1940's and 1950's, Cooper asks why they ultimately followed the one that led to the nation-state, a political form whose

limitations and dangers were recognized by influential Africans at the time. Cooper takes account of the central fact of Africa's situation-- extreme inequality between Africa and the western world, and extreme inequality within African societies--and considers the implications of this past trajectory for the future. Reflecting on the vast body of research on Africa since Du Bois's time, Cooper corrects outdated perceptions of a continent often relegated to the margins of world history and integrates its experience into the mainstream of global affairs.

2.	Record Nr.	UNINA9910823134503321
	Titolo	Co-scheduling of HPC applications / / edited by Carsten Trinitis and Josef Weidendorfer
	Pubbl/distr/stampa	Amsterdam, [Netherlands] : , : IOS Press, , 2017 ©2017
	ISBN	1-61499-730-6
	Descrizione fisica	1 online resource (176 pages) : illustrations
	Collana	Advances in Parallel Computing ; ; Volume 28
	Disciplina	004.35
	Soggetti	High performance computing Computer scheduling
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
	Nota di contenuto	Co-Scheduling: Prospects and Challenges -- Recent Processor Technologies and Co-Scheduling -- Contention-Aware Scheduling Policies for Fairness and Throughput -- Allocation-Internal Co-Scheduling-Interaction and Orchestration of Multiple Concurrent MPI Sessions -- Detailed Application Characterization and Its Use for Effective Co-Scheduling; Initial Formulation of Why Disallowing Same Program Co-Schedules Improves Performance -- Virtualization in HPC-An Enabler for Adaptive Co-Scheduling? -- Impact of the Scheduling Strategy in Heterogeneous Systems That Provide Co-Scheduling.
	Sommario/riassunto	High-performance computing (HPC) has become an essential tool in the

modern world. However, systems frequently run well below theoretical peak performance, with only 5% being reached in many cases. In addition, costly components often remain idle when not required for specific programs, as parts of the HPC systems are reserved and used exclusively for applications. A project was started in 2013, funded by the German Ministry of Education and Research (BMBF), to find ways of improving system utilization by compromising on dedicated reservations for HPC codes and applying co-scheduling of applications instead. The need was recognized for international discussion to find the best solutions to this HPC utilization issue, and a workshop on co-scheduling in HPC, open to international participants the COSH workshop was held for the first time at the European HiPEAC conference, in Prague, Czech Republic, in January 2016. This book presents extended versions of papers submitted to the workshop, reviewed for the second time to ensure scientific quality. It also includes an introduction to the main challenges of co-scheduling and a foreword by Arndt Bode, head of LRZ, one of Europe's leading computer centers, as well as a chapter corresponding to the invited keynote speech by Intel, whose recent extensions to their processors allow for better control of co-scheduling.