1. Record Nr. UNISA996344348503316

Titolo	At-turas
Pubbl/distr/stampa	Paiton, Jawa Timur, Indonesia : , : Lembaga Penerbitan, Penelitian, dan Pengabdian kepada Masyarakat (LP3M), Institut Agama Islam Nurul Jadid, , [2014]- Paiton, Jawa Timur, Indonesia : , : Lembaga Penerbitan, Penelitian, dan Pengabdian kepada Masyarakat (LP3M), Universitas Nurul Jadid
ISSN	2460-1063
Descrizione fisica	1 online resource
Soggetti	Islam - Indonesia Islam - Indonesia - History Islamic civilization Islam History Periodicals. Indonesia
Lingua di pubblicazione	Indonesiano
Formato	Materiale a stampa
Livello bibliografico	Periodico
Note generali	Refereed/Peer-reviewed Issues have theme titles.
Sommario/riassunto	Islamic studies across disciplines, such as history, geography, political science, economics, anthropology, sociology, law, literature, religion, philosophy, international relations, environmental and developmental issues related to scientific research.

2.

Record Nr.	UNINA9910760259203321
Autore	Claessens Michel
Titolo	ITER: The Giant Fusion Reactor : Bringing a Sun to Earth / / by Michel Claessens
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Copernicus, , 2023
ISBN	3-031-37762-1
Edizione	[2nd ed. 2023.]
Descrizione fisica	1 online resource (277 pages)
Collana	Copernicus Books, Sparking Curiosity and Explaining the World, , 2731-8990
Disciplina	910.5
Soggetti	Nuclear fusion Electric power production Nuclear engineering Energy policy Sustainability Nuclear Fusion Mechanical Power Engineering Nuclear Energy Energy Policy, Economics and Management
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	The Future of Energy -- What is Nuclear Fusion? -- A Brief History of Iter -- Why in France? -- Building A Gigantic Machine -- A Machine Manufactured in 35 Countries -- Those Who are Against Iter -- Why so Many Delays and Cost Overruns? -- How to Manage Such a Complex Programme? -- Is Iter Really Safe and Clean? -- Iter is Heating up the French Economy -- Will Fusion Become Commercial? -- Chinese in Provence -- How to Communicate a High-Tech Project? -- Quest for the Fusion Grail -- Beyond Technology Diplomacy -- New Technical Challenges -- Becoming a “Fusion Whistleblower” -- What is Next?.
Sommario/riassunto	This book provides for the first time an insider’s view into ITER, the biggest fusion reactor in the world, which is currently being constructed in southern France. Now in its second edition, it updates readers on all developments at ITER and those at competing fusion

initiatives worldwide, at the National Ignition Facility (US), the Joint European Torus (EU) and the tens of start-ups funded by private ventures. The author also shares his personal experience with this unique big science project. Aimed at bringing the “energy of the stars” to earth, ITER is funded by the major economic powers (China, the EU, India, Japan, Korea, Russia and the USA). Often presented as a “nuclear but green” energy source, fusion could play an important role in the future electricity supply. But as delays accumulate and budgets continue to grow, ITER is currently a star partially obscured by clouds. Will ITER save humanity by providing a clean, safe and limitless source of energy, or is it merely a political showcase of cutting-edge technology? Is ITER merely an ambitious research project and partly a PR initiative driven by some politically connected scientists? In any case, ITER has already helped spur on rival projects in the USA, Canada and the UK. This book offers readers a behind-the-scenes look at this controversial project, which France snatched from Japan, and introduces them to a world of superlatives: with the largest magnets in the world, the biggest cryogenic plant and tremendous computing power, ITER is one of the most fascinating, and most international, scientific and technological endeavours of our time.