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## Disruptive Technologies, Innovation and Global Redesign: Emerging Implications

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### Disruptive Technologies, Innovation and Global Redesign Emerging Implications



Ndubuisi Ekekwe & Nazrul Islam

Ndubuisi Ekekwe (African Institution of Technology, USA) and Nazrul Islam (Aberystwyth University, Wales and Middlesex University, London, UK)

In the last few years, most parts of the world have morphed into an electronically interdependent economic unit where a disruption in one marketplace affects the others. New technologies have emerged, transforming the ways we do business; consequently, redesigning the world. Innovation in disruptive technologies pushes new and more agile firms to set new benchmarks and forces established companies to revisit existing models or re-invent themselves to stay competitive.

**Disruptive Technologies, Innovation and Global Redesign: Emerging Implications** provides case studies as well as practical and theoretical papers on the issues surrounding disruptive technologies, innovation, global redesign. This book will be a useful reference for academics, students, policymakers, and professionals in the fields of emerging and disruptive technologies, innovation, economic planning, technology and society, technology transfer, and general technology management.

#### Topics Covered:

- Crowdsourcing
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- Global Overview of Emerging Innovations
- Indicators for New Technology Assessment
- Management of Disruptive Technologies
- Open Innovation
- Social Network Analysis
- Technology Clustering and Transfer
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**Ndubuisi Ekekwe**, a regular blogger at Harvard Business Review, holds two doctoral and four master's degrees, including a PhD in electrical and computer engineering from the Johns Hopkins University and MBA from University of Calabar, Nigeria. During this MBA and Doctor of Management program, he specialized on Technology Management and Competitiveness. He founded First Atlantic Semiconductors & Microelectronics Ltd, African Institution of Technology and Ultinet Systems. Dr. Ekekwe edited *Nanotechnology and Microelectronics: Global Diffusion, Economics and Policy* which received IGI Global 2010 "Book of The Year" Award. He is also an author of two books on electrochemistry and microelectronics. An Adjunct Professor of Engineering with Babcock University, Nigeria, he is a player in the U.S. semiconductor industry where he develops innovative microchips; he invented a microcontroller for medical robots. A recipient of 17 fellowships/scholarships, he graduated top of his class with BEng in electrical and electronics engineering (Aug. 1998) from Federal University of Technology, Owerri, Nigeria. He last held the title of Banking Executive with Diamond Bank Lagos and served in the United States National Science Foundation ERC/CISST E&D committee for four years. Prof. Ekekwe has been invited as a speaker in Wharton Business School, Harvard Business School, Brown University, among others. He currently advises five African governments on technology and entrepreneurship.



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