



CALL FOR CHAPTERS IN A BOOK

Emerging Technologies: from digital-divide to quantum-divide

Theme: Intersections, Complexities, Challenges, and Opportunities.

Emerging technologies are redefining and reshaping society globally. These advancing technologies in Artificial Intelligence (AI) and its related fields, such as Machine Learning (ML), Deep Learning (DL), Robotics, Biotech, Blockchain, and next-generation mobile networks, are rapidly evolving. They bring waves of intersections, complexities, challenges, and opportunities to the world. The technologies are rapidly transforming how we live, work, trade, interact and are governed, and their impact is significant across various sectors of human enterprise. The domain of these technologies, or cyberspace, has evolved into a critical space that countries pay increasingly serious attention to. Many countries are putting in significant efforts, even clandestinely, to control and dominate this space. The problem is that uncertainties challenge the emerging world, and nation-state actors are building competitive capabilities to dominate other states in what we can describe as a global cyberspace race. Even more advanced forms of cutting edge technologies will exacerbate and extend of the opportunities for real feuds, conspiracy and sabotage among nations.

AI and related technologies will affect nations' economic, political and military activities, both positively and negatively. Undoubtedly, many intersections, complexities, challenges, and opportunities envelop the present reality. Their combined effects will alter the global dynamics that shape international politics, economy and security. Certainly, the AI and deeptech

divide has not been acknowledged by many African countries. Urgent domestic and socioeconomic challenges have distracted their attention from the emerging global opportunities and threats the emerging technologies present. To this extent, it is expected that every African country must recognize and understand the intersections, complexities, challenges and opportunities.

The purpose of this book on Emerging Technologies: Complexities, Challenges, and Opportunities is to explore the future of AI and deeptech from multiple African perspectives. Authors must submit credible, high-quality feature perspectives and book chapters that delve into the current and future complexities, challenges, and opportunities. Authors are expected to explore the intricacies, obstacles, and prospects that will reshape and revolutionize the African cyberspace landscape and the African reality, based on the three thematic areas:

- Intersections
- Complexities
- Challenges
- Opportunities

When crafting their work, authors should prioritize addressing critical issues and articulating their ideas through conceptual and theoretical analysis. To enrich their scholarly contributions, they should consider trends, convergence, risks, and global perspectives.

Important Timelines

Chapter proposal submission: **November 1, 2024**
Proposal Acceptance and Notification: **January 15, 2025**
Complete Chapter Submission: **April 15, 2025**
Final Acceptance: **June 15, 2025**
Camera Ready: **June 15, 2025**

What Next

Interested authors are invited to submit chapter proposals (350 words) stating the objectives and contribution to knowledge to book@iiet.org.ng
Due to the high-quality expectation of the book, chapters will be accepted based on a minimum of three votes from reviewers. This rigorous review process ensures that only the highest-quality contributions are included in this unique book.

Institute of Innovation and Emerging Technologies (IIET)

IIET is an Emerging Technologies Think-Tank that fosters and applies high ethical standards in digital transformation, promoting cognate expertise in industry-driven research, training, innovations, and enterprise for global competitiveness. We aim to aid in national development to stimulate and sustain prosperous, secure, and vibrant digital space through policy, strategy, advocacy and active collaboration with reputable global institutions and stakeholders. Our cream of experts are seasoned professionals with solid knowledge and skills and creative thinkers who have distinguished themselves in the digital ecosystem

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