

Daniel Burrus

KEYNOTE HANDOUT

GLOBAL FUTURIST | STRATEGIC ADVISOR | BEST-SELLING AUTHOR



THE BURRUS TAXONOMY OF TECHNOLOGY (Published in 1983)

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|---|--|---------------------------------|
| 1. Digital Electronics (Visual, Mobile, Virtual, Robotic) | 7. Parallel Processing Computers | 14. Advanced Biochemistry |
| 2. Internet and Distributed Computing (Cloud) | 8. Artificial Intelligence | 15. Molecular Designing |
| 3. Optical Data Storage | 9. Flat-Panel & Advanced Video Displays | 16. Advanced Polymers |
| 4. Fiber Optic Networking | 10. Micromechanics MEMS & Nanotechnology | 17. High-Tech Ceramics |
| 5. Microwaves and Wireless Networking | 11. Lasers | 18. Fiber-Reinforced Composites |
| 6. Advanced Communication Satellites | 12. Photovoltaic Cells | 19. Thin-Film Deposition |
| | 13. Genetic Engineering | 20. Superconductors |

Technologies That Are Growing and Transforming Exponentially

1. Artificial Intelligence, Machine Learning, Deep Learning and Cognitive Computing
2. Augmented Thinking and Augmented Movement
3. Semi-autonomous and Fully Autonomous Technology
4. Voice Commerce Business Bots, and Voice-Enabled Products
5. AI-Enabled High-Speed Data Analytics
6. Advanced Distributed Cloud Computing Platforms and Services
7. Virtualization of Hardware and Software
8. Virtual Reality (VR), including the Metaverse, Augmented Reality (AR) and Digital Twins
9. Behavior Analytics and Personality Profiles
10. Virtualization for Processes and Services
11. Satellite Mega-Constellations and 5G Wireless
12. Internet of Things (IoT) and Edge Computing
13. Predictive Cybersecurity Systems
14. Multiple Biometrics and Advanced Tokenization
15. Blockchains, Cryptocurrency, Digital Currency and NFTs
16. Wearables with Sensors and Communications
17. 3D Printing
18. Networked Robotics and Drones
19. Energy Storage, Microgrids, Green Energy and Green Hydrogen
20. Genomics, Gene Editing with CRISPR, mRNA and Synthetic Biology



Download Daniel Burrus' Top 25 Technology Hard Trends Shaping 2023

