Editorial

Covid-19 Driven Research in Ultra-Smart Computational Devices, Ubiquitous Smart Internet and Future Tele-Medicine

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We are living in the new era of a superfast ubiquitous Internet and ultra-smart computing technologies, which create a platform Fully Automated Cyberspace connecting billions of Ultra-Smart Computational Devices worldwide.

Today's transition from fast to ultra-fast, from smart to ultra-smart drives the research, innovation and development of ultra-smart computational devices that integrate seamlessly the Artificial Intelligence, Predictive Data Analytics and 24/7 ubiquitous connectivity for anyone, anywhere at any time in the world.

The current advancements in Fast Internet, Big Data, Humanoid Robotics and Robotic Internet [1,2], Big Data, AI and Machine Learning, Tele-Medicine, drive national and local economies worldwide. Cyber Systems are collecting real-time Covid-19 data utilizing the Electronic Health Record (EHR) to create the antibodies that would serve as vaccine required to prevent the spread of virus in the communities' worldwide and ultimately safe human lives and to restart the economies worldwide.

The pervasive ultra-smart AI driven computation in the cyber critical infrastructures, in conjunction with the smart sensors and Internet of Things IoT provide great support in manufacturing industry, agriculture, business, defense and tele-medicine [3-5].

Humanity today is facing critical health and economics crisis due to Covid-19 that is continually evolving and impacting human lives worldwide. The recent advances in the field of Telecommunications and Computer Communications Technologies provide support to critical live saving technologies in remote e-Health [6].

Ultra-smart Computational Devices seamlessly interconnected via Ultrafast Internet are applied effectively in the field of medicine, automated industry, e-business, and e-government.

The field of ultra-fast computing, cyber security, evolution of ultra-fast ubiquitous Internet and communication technologies that will contribute to creation of Fully Automated Cyberspaces all around us.

The author believes that we have just scratched the surface of a completely new era of Future Computation and are beginning to learn new concepts and ways of defining it. The author promotes creation of global inter-disciplinary teams working together to drive research, innovation and developments of state-of-the-art technological solutions in ultra-smart computation, next generation e-Health, automating industry and future fully-automated cyberspace.

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