# GUEST SPEAKERS ADDRESS VII

## Emerging IoT Trends

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The Internet of Things (IoT) is widely used in various sectors, including retail and healthcare, together with homes, offices, campuses, and cities. Thanks to connected technology, we now engage with the world and each other differently. The Internet has been around for some time now, and its primary purpose has been to link people; in other words, the "Internet of People" as we know it. The Internet of Things is a relatively new concept that connects objects. Things may exchange data they get via sensing, make judgments, and regulate surroundings when we allow them to connect and interact with one another. That is, computing devices are interrelated and can transfer data between themselves over a network without requiring any human-to-computer or human-to-human interaction.

In this talk, I will touch upon the emerging trends in the Internet of Things. It will include answers to questions such as,

- how big data analytics and cloud computing can help with the growing amount of sensor data,
- how blockchain technology can help with the ever-increasing concerns on securing data,
- how edge computing can provide an efficient and cost-effective computing solution for the ever-growing computing need of the Things,
- how Machine Learning (ML) and Artificial Intelligence (AI) could be used for the massive amount of decision-making required for the Internet of Things, and
- how Software as a Service (SaaS) could be used as the brain of the IoT platforms.

These trends are here to stay and are here to make our life more secure and more comfortable than it has ever been before. Therefore, we must know and prepare ourselves accordingly.

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