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Fusion of advanced technologies toward Industry 4.0: Agriculture and Healthcare

Industry 4.0 refers to a new industrial technology era that is transforming current systems, sensors, machines and workloads. It can help create more efficient processes using the nine pillars of technology: cyber security, AR, big data, autonomous robots, additive manufacturing, simulation, system integration, cloud computing and the Internet of Things (IoT). In the Industry 4.0, VR and AR technologies are being implemented to enhance and develop out of box services in any kind of sector especially health care, agriculture. The virtual world is based on enabling technologies that go beyond the boundaries of the categorized world, in a concept called fusion reality. Fusion reality is a combination of different kinds of virtualization technologies such as AR, VR, IoT and Artificial Intelligence (AI). The focus of this special session is on demonstrations and discussions about how these advanced technologies can help to improve the day to day life and how to utilize them to best help developing countries leap-frog to the next level and adopt Industry 4.0 as soon as possible toward agriculture, healthcare.

Scope and Interest

<ul style="list-style-type: none"> ● Synergy of IoT and AI ● VR/AR/IoT toward agriculture or Healthcare ● Role of Technology in the Industry 4.0 ● Management of Data for Productive Farming ● Role of Virtual Reality and Augmented Reality in the Farming 4.0 ● Discussion and Implementation of Greenhouse Effect 	<ul style="list-style-type: none"> ● Artificial Intelligence for the Industry 4.0 ● Machine Learning and Deep Learning Techniques for the Data ● Image recognition for the Crops Monitoring. ● Implementation of IoT Network for farming or healthcare ● Arduino and Raspberry Pi for Industry 4.0 ● Not Limited to these topics.....
<p>Session Chair(s):</p>	
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