

S6 : Internet of Things and Applications

Organizer(s) Information:

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Session summary :

The Internet of Things (IoT) plays a significant role in converting each real-world-ordinary object into smart objects and connecting them to enhance the present and forthcoming generation of information. Smart IoT is an exciting emerging research field with great potential to transform our understanding of fundamental computer science principles and our standard of living. The IoT is being employed in more and more areas making everything smart such as smart homes, smart cities, smart transportation, intelligent monitoring, effective security systems, intelligent healthcare systems, vigilant surveillance systems, and advanced manufacturing. IoT is disrupting old business models and creating opportunity, transformation, and exciting new routes for growth in all companies. Get Insight into this massive opportunity to increase the productivity and efficiency of your manufacturing and production processes. Consider your most recent healthcare interaction. It likely involved medical equipment, a blood pressure monitoring device, a continuous glucose recorder, and an MRI scanner. The existing IoT improves efficiencies, lowers care costs, and drives better outcomes in healthcare. As computing power and wireless capabilities improve, organizations are leveraging the potential of the Internet of Medical Things technologies. With their ability to collect, analyze and transmit health data, IoMT tools are rapidly changing healthcare delivery. For patients and clinicians, these applications play a central part in tracking and preventing chronic illnesses, and they're dignified to evolve the future of care.

Topics of interests include, but are not limited to, the following:

- IoT for smart cities
- Internet of Medical Things
- Medical Big Data Analytics
- Industrial Internet of Things
- IoT for smart healthcare system



- Role of Iot devices and social media
- Social Internet of Things and its applications
- Machine learning and AI for IoT big data analytics

Submission:

In order to submit to this session, please write “**S6**” as a prefix to your manuscript name. for example, if you have your file name as “**UAVmobility.pdf**”, the submitted file name should be “**S6-UAVmobility.pdf**.”

Template: Template (**Word**)(6 pages max , 2 more pages with extra fees) (**Latex**)

Submission link:

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