1. Special Session Title: Cloud computing analytics and Networks

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3. Details of Proposed Session

This special session focuses on state-of-the-art approaches, applications and tools for Computer networks, Cloud computing and network security. The primary scope of this session is to deliberate the progress and challenges in the field of cloud computing, computer networks and security along with their solution using innovative, novel, secure and smart methods. The aim of this session is to integrate various speculative and experiential impacts that characterize recent changes in technology and improve associations and collaborations among a range of disciplines. This session will certainly help the researchers to sightsee more into techniques and methods of Computer networks, Cloud computing and network security. Thanks to the idea of Fog/Edge computing, tasks can be mitigated from the heavy-weighted data centers to local devices for improving efficient computing. Despite the potential of edge intelligence, however, many challenges also need to be addressed in this new paradigm. In the fact that the state-of-art applications introduced various constraints on performance metrics such as latency, throughput, or reliability that make big challenges nowadays. A research area for this special session includes but not limited to:

1. Ubiquitous & Sensor Network
2. Information & Network Security
3. Authentication, Bio-metric Security
4. Cloud and Distributed Application Security
5. Systems & Software Engineering
6. Distributed & Cloud Computing
7. Multimedia communications and interactions Multimedia Security
8. Distributed Operating Systems and Middleware
9. Security and Privacy in Distributed Systems
10. Security enhancements to existing networking protocols
11. Mobile Cloud Computing Systems
12. Infrastructures for Edge/ Fog/Cloud Computing
13. Inovative applications of Edge Computing
14. Communications in Edge Computing Systems
15. Security Issues in Edge Computing
16. Cloudlet based computing
17. Communications in Fog/Edge Computing Systems
18. Fuzzy/AI empowered edge-cloud architecture for computing intelligence
19. Efficient edge video analytics systems
20. Network traffic prediction and control in edge intelligent
21. Big data and learning fusion in edge intelligent computing
22. Energy-efficient edge network protocols/systems