Welcome Message from the IW5GS-2017 Workshop Chairs

This year we hold the 3rd *International Workshop on 5G Security* (IW5GS) once again in Helsinki, Finland. The fifth generation of mobile communication technologies takes it far away from the analog and GSM beginnings and now provides the infrastructure not just for a totally connected world - the Internet of Things - but also extending to how telecommunications operators and providers manage their services. This is the age where quite literally anyone can become a ‘virtualised’ telecommunications operator and marks the move from fixed line and cumbersome, dedicated equipment to virtualised infrastructure providing a plethora of services to be woven together as the users require.

For the first time we are seeing OSS and BSS becoming mainstream topics beyond that of the infrastructure core. The move towards automation and so called ‘closed loop automation’ through techniques such as machine learning and artificial intelligence.

All this together leads to more and more security, privacy and trust concerns - not just from the traditional ‘hackers’ but from the very fabric of the infrastructure. The emphasis is now on integrity and reliability in data protection terms.

IW5GS continues to provide a forum for the discussion and presentation of works related to how the trio of security, privacy and trust in all their forms can be embedded into the very fabric of 5G.

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