

Guest Editorial: Security and Privacy for Multimedia in the Internet of Things (IoT)

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We live in an interconnected world where different devices and people can be connected to each other by intelligent algorithms, apps, social networks, and the infrastructure set by Internet of Things (IoT). IoT is the next generation of multimedia, which includes integrated sensors, algorithms, and mobile and web services. When more people and devices are connected without much restriction, the issues of security, privacy, and trust remain a challenge—multimedia in IoT services should provide robust and resilient security platforms and solutions against any unauthorized access. However, the recent literature and publications have shown that there are rising concerns about hacking, security breaches, data manipulation, social engineering and new ways of attacks. There are techniques, Trojans, viruses and backdoor methods to steal personal information and pictures for unauthorized dissemination, imposters, and identity theft in social networks. In order to demonstrate the effectiveness of resilient security and privacy solutions, methods such as new standards, advanced cryptography, improved algorithms for intrusion detection, personalized privacy, and isolation of malicious viruses can be used independently or all together to minimize the threats. This has motivated us to launch this special issue on security and privacy for Multimedia in the Internet of Things (IoT).

We are honored and glad that we received 58 submissions since August 2016. We went through vigorous review processes. Experts in security and privacy domains were active and keen to provide us recommendations. The guest editor team discussed internally to maintain a

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high quality assurance for our scholarly selections. We ensured that only papers demonstrating real research contributions were considered. At the end, only 12 papers were selected for our special issue before March 2018. We have maintained around 20.7% acceptance rate.

This special issue has brought scientists, professors, and practitioners together. Each selected paper has very solid theoretical and empirical research contributions validated by simulations, experiments and quantitative analysis. It is the tradition for the guest editors not to mention much in this editorial note. But we would sincerely ask you to enjoy every selected paper in this special issue.

We are grateful to MTAP editorial team and the Editor-in-Chief to provide us the opportunity to serve this special issue for several research communities, since this topic is within their common interests. We hope that we have the opportunity again in the near future!

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