As a distributed environment for an open market, the Internet is a rich source of “big data” with unprecedented amount of data generated and unlimited number of interactions between systems and users. This is to provide services to different applications, interconnected infrastructure such as transport, healthcare, energy for smart cities etc. Big data is gaining momentum as billions of devices and connected systems will soon be adopting smart technologies and exchanging sensitive information. However, this would allow attackers to identify many vulnerable targets. Therefore, the sophistication of cyber security threats and attacks has grown. As malware incidents increase in volume and complexity, it’s becoming more difficult for traditional analytic tools to keep up. Therefore, traditional security solutions have come into question which means they will require robust and effective systems. The purpose of this Mini Track “Big Data for Cybersecurity” is to bring together researchers, practitioners and industrials interested in big data aspects related to cybersecurity operations. Recent advances in the fields of big data such as big data analytics and tools, malware analysis, detection and prevention are a key factor in the growth of cybersecurity services and operations. This Mini Track is expected to attract academics and professionals and to stimulate interesting discussions about the latest development of solution models and techniques for big data and cybersecurity. Suggested topics include but are not limited to:

- Big data analytics as a security mechanism
- Big data for event/activity monitoring
- Big data for intrusion/fraud detection and prevention
- Big data tools for cybersecurity
- Big data industry standards and regulations

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Submission details
In the first instance a 300 word abstract is required, to be received by 04 December 2019. Please read the guidelines at http://www.academic-conferences.org/policies/abstract-guidelines-for-papers/

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If you have any questions about this track please email the mini track chair: N.Abouzakhar@gmail.com

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