Global air traffic management and other critical infrastructure systems are evolving from siloed, local, proprietary systems to interconnected wide-area information systems. Within the field of air traffic management, there is rapid development, as demonstrated by the FAA NextGen and the European Single European Sky ATM Research programs. Similar large scale transformation programs have been launched for critical infrastructure systems. The higher levels of automation and interconnectivity translate into increased security risks and pose challenges to system and security engineering.

Air traffic management (and aviation critical infrastructure) security is understood to include two dimensions:

1. the self-protection / resilience of the ATM system / critical infrastructure, and
2. collaboration with other security stakeholders concerning security incidents.

This workshop will focus on the security of next-generation air traffic management systems and similar critical information infrastructures. The objective is to provide an interdisciplinary forum for academics and professionals to discuss recent progress and research in this field.

This year’s workshop features eight papers, each of which has been reviewed by a minimum of two experts in the field.

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SecATM 2016 Workshop Organizing Committee