1. Record Nr. UNINA9910412320503321 AutoSec'20: proceedings of the Second ACM Workshop on Automotive **Titolo** and Aerial Vehicle Security: March 18, 2020, New Orleans, LA, USA // program chairs, Qi Alfred Chen, Ziming Zhao and Gail-Joon Ahn New York:,: Association for Computing Machinery,, 2020 Pubbl/distr/stampa Descrizione fisica 1 online resource (84 pages): illustrations Collana **ACM** conferences Disciplina 629.272 Automotive computers - Security measures Soggetti Computer security Drone aircraft - Security measures Vehicular ad hoc networks (Computer networks) - Security measures Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia

Note generali Sommario/riassunto Includes index.

It is our great pleasure to welcome you to the 2nd ACM Workshop on Automotive and Aerial Vehicle Security (AutoSec). This workshop is organized to contribute to new theories, technologies, and systems related to security/privacy challenges in automotive, aerial vehicles, and their supporting infrastructures. Automobiles and aerial vehicles such as cars, buses, trucks, airplanes, and drones make the whole world convenient and connected. Meanwhile, due to their wide usage and high safety criticality, any security or privacy problems in them pose direct threats to end users and stakeholders. With the recent global interest in developing new technologies in them, e.g., autonomous driving, drone delivery, and vehicle-to-everything communication, such problems become more critical than ever and thus require immediate attention and discussion in both academia and industry. In response to the call for papers of AutoSec 2020, 10 papers were submitted, and the program committee selected 7 full-length research papers and 1 short paper. These papers cover a variety of topics, ranging from spoofing attack detection and prevention for both in-vehicle network and transportation infrastructure, new

automotive/transportation attack surface identification and analysis, to more effective rating system for automotive vulnerabilities. Among them, 2 papers shared the highest average review score, and are thus both selected to receive the Best Paper Award. The program is complemented by a keynote speech by Professor Ryan Gerdes.