

1. Record Nr.	UNINA9910375771203321
Titolo	Proceedings of the ACM Workshop on Automotive Cybersecurity // Ziming Zhao, Qi Alfred Chen, Gail-Joon Ahn, editors
Pubbl/distr/stampa	New York, NY : , : Association for Computing Machinery, , 2019
Descrizione fisica	1 online resource (50 pages)
Collana	ACM Conferences
Disciplina	005.8
Soggetti	Computer security
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	<p>It is our great pleasure to welcome you to the inaugural ACM Workshop on Automotive Cybersecurity (AutoSec). This workshop is founded to contribute to new theories, technologies and systems related to security challenges in vehicles and their supporting infrastructures and to help generate new directions for further research and development. Automotive industry is a critical industry that keeps modern conveniences of life working. However, more exposed interfaces and increasing connectivity in vehicles and the infrastructures supporting them have made cyberattacks on them now a clear and present danger for all the stakeholders of this industry. In response to the call for papers of AutoSec 2019, 12 papers were submitted from Asia, Europe and North America. The program committee selected 5 full-length research papers and 4 short papers. These papers cover a variety of topics, including intrusion detection on CAN bus, code reuse attacks on automobile critical systems, automobile testbed design and implementations. The program is complemented by a keynote speech by Dr. Jeremy Daily and a tutorial by Dr. Qi Alfred Chen.</p>