



Workshop on 5G Security: Current Trends, Challenges and New Enablers

10 September 2020 (Virtual Conference)

PROGRAM

Title	Authors with affiliation and country
Opening	Antonio Fernando Skarmeta Gomez (Universidad de Murcia, Spain) Sye Loong Keoh (University of Glasgow, United Kingdom (Great Britain)) Pascal Bisson (Thales, France)
5G Security Challenges and Opportunities - A System Approach	Ashutosh Dutta (Johns Hopkins University Applied Physics Labs (JHU/APL), USA); Eman Hammad (University of Toronto, Canada)
An Efficient Scheme to Secure Data Provenance in Home Area Network	Zhaohui Tang (University of Southern Queensland, Australia); Sye Loong Keoh (University of Glasgow, United Kingdom (Great Britain))
Enforcing GDPR regulation to vehicular 5G communications using edge virtual counterparts	Jordi Ortiz , Pedro J. Fernández , Ramon Sanchez-Iborra and Jorge Bernal Bernabe (University of Murcia, Spain); Jose Santa (Technical University of Cartagena, Spain); Antonio Fernando Skarmeta Gomez (University of Murcia, Spain)
Hybrid-Trusted Party Contract Agrees on Clients Input	Anwar Alruwaili and Dov Kruger (Stevens Institute of Technology, USA)
Liability-Aware Security Management for 5G	Chrystel Gaber and José M. Sánchez Vilchez (Orange Labs, France); Gurkan Gur (Zurich University of Applied Sciences (ZHAW), Switzerland); Morgan Chopin , Nancy Perrot , Jean-Luc Grimault and Jean-Philippe Wary (Orange Labs, France)
Lightweight and Space-efficient Vehicle Authentication based on Cuckoo Filter	Charalampos Kalalas (CTTC, Spain); Jesus Alonso-Zarate (Centre Tecnologic de Telecomunicacions de Catalunya - CTTC, Spain)
New Immersive Interface for Zero-Touch Management in 5G Networks	Ignacio Sanchez-Navarro , Pablo Salva-Garcia , Qi Wang and Jose Maria Alcaraz Calero (University of the West of Scotland, United Kingdom (Great Britain))
Peer-to-Peer Blockchain-based NFV Service Platform for End-to-End Network Slice Orchestration Across Multiple NFVI Domains	Pol Alemany , Ricard Vilalta , Raul Muñoz , Ramon Casellas and Ricardo Martinez (Centre Tecnològic de Telecomunicacions de Catalunya (CTTC/CERCA), Spain)
QKD in Support of Secured P2P and P2MP Key Exchange for Low-Latency 5G Connectivity	Argiris Ntanos , Dimitris Zavitsanos , Giannis Giannoulis and Hercules Avramopoulos (National Technical University of Athens, Greece)

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