

# CRISIS 2022

📅 7 - 9 Dec 📍 Sousse, Tunisia

17th International Conference on Risks and  
Security of Internet and Systems

## Program at a glance

	Dec 7, 2022	Dec 8, 2022	Dec 9, 2022
08:00 - 09:00	Registration		
09:00 - 09:30	Opening		
09:30 - 10:30	<b>Invited Speaker</b>	<b>Invited Speaker</b>	<b>Invited Speaker</b>
10:30 - 11:00	Coffee Break		
11:00 - 13:00	<b>Session1</b>	<b>Session3</b>	<b>Session4</b>
13:00 - 14:00	Lunch		
14:00 - 15:00	<b>Tutorial</b>	Excursion: Amphitheatre of El Jem	Closing
15:00 - 17:00	<b>Session2</b>		

## Dec. 7, 2022

- 08:30-09:00 Registration
- 09:00-09:30 CRISIS Welcome
- 09:30-10:30 Keynote Speaker - Benjamin C. M. Fung
- 10:30-11:00 Coffee Break
- 11:00-13:00 Session 1 (Session Chair: Mohamed Jmaiel)
- Kris Heid and Jens Heider.  
*Context Correlation for Automated Dynamic Android App Analysis to Improve Impact Rating of Privacy and Security Flaws*
- Maxime Lanvin, Pierre-François Gimenez, Yufei Han, Frédéric Majorczyk, Ludovic Mé and Éric Totel.  
*Errors in the CICIDS2017 dataset and the significant differences in detection performances it makes*
- Ahmed Burhan Mohammed, Lamia Chaari Fourati and Ahmed M. Fakhrudeen.  
*A Comparative Study of Attribute Selection Algorithms on Intrusion Detection System in UAVs: A Case Study of UKM-IDS20 Dataset*
- Abdel Mlak Said, Aymen Yahyaoui and Takoua Abdellatif.  
*PRIAH: Private Alerts in Healthcare*
- Charles-Henry Bertrand Van Ouytsel, Christophe Crochet, Khanh Huu The Dam and Axel Legay.  
*SEMA: Symbolic Execution toolchain for Malware Analysis*
- 13:00-14:00 Lunch
- 14:00-15:00 Tutorial
- 15:00-17:00 Session 2 (Session Chair: Ahmed Hadj Kacem)
- Boughdiri Maher, Abdellatif Takoua and Abdellatif Tesnim.  
*Blockchain survey for security and privacy in the e-health ecosystem*
- Mohamed Amin Hammemi, Mariam Lahami and Afef Jmal Maalej.  
*Towards A Dynamic Testing Approach for Checking the Correctness of Ethereum Smart Contracts*
- Tarek Frikha, Jalel Ktari and Habib Hamam.  
*Blockchain olive oil supply chain*
- Salah Gontara, Amine Boufaied and Ouajdi Korbaa.  
*Impact of EIP-1559 on transactions in the Ethereum Blockchain and its Rollups*
- Rawya Mars, Saoussen Cheikhrouhou, Slim Kallel, Mohamed Sellami and Ahmed Hadj Kacem.  
*Towards a Secure Cross-Blockchain Smart Contract Architecture*

## Dec. 8, 2022

- 09:30-10:30 Keynote Speaker - Dajin Wang
- 10:30-11:00 Coffee Break
- 11:00-13:00 Session 3 (Session Chair: Frédéric Cuppens)
- Bastien Drouot, Valery Monthe, Joel Champeau and Sylvain Guérin.  
*Security Analysis: From model to system analysis*
- Racem Bougacha, Régine Laleau, Philippe Bon, Simon Collart-Dutilleul and Rahma Ben Ayed.  
*Modeling train systems: from high-level architecture graphical models to formal specifications*
- Benjamin Somers, Fabien Dagnat and Jean-Christophe Bach.  
*How IT Infrastructures Break: Better Modeling for Better Risk Management*
- Adel Jebali, Salma Sassi, Richard Chbeir and Abderrazak Jemai.  
*Access Control Verification in Data Outsourcing Scenario*
- Liang Chen, Cheng Zeng and Stilianos Vidalis.  
*An Incentive Mechanism for Managing Obligation Delegation*
- 13:00-14:00 Lunch
- 14:00-18:00 Transportation by bus from the hotel to the Amphitheatre of El Jem. Departure is scheduled for at 14:00.

## Dec. 9, 2022

- 09:30-10:30 Keynote Speaker - Layth Sliman
- 10:30-11:00 Coffee Break
- 11:00-13:00 Session 4 (Session Chair: Frédéric Cuppens)
- Rahma Trabelsi, Ghofrane Fersi and Mohamed Jmaiel.  
*Virtual Private Network Blockchain-based Dynamic Access control solution for inter-organisational large scale IoT networks*
- Johannes Beckert, Teo Blazevic and Alexander Dobhan.  
*IoT Security within small and medium-sized manufacturing companies*
- Hannes Salin.  
*Pseudonym Swapping with Secure Accumulators and Double Diffie-Hellman Rounds in Cooperative Intelligent Transport Systems*
- Randy Kuang, Maria Perepechaenko, Ryan Toth and Michel Barbeau.  
*Benchmark Performance of the Multivariate Polynomial Public Key Encapsulation Mechanism*
- 13:00-14:00 Lunch
- 14:00-15:00 Closing session