



The first International Conference on Cryptography, Codes and Cyber Security (I4CS) is an international conference on the theory and applications of cryptology, coding theory, and cyber security. I4CS 2022 will be held (face-to-face Event) in Casablanca, Morocco, from July 14 to July 16, 2022. The conference is organized by Hassan II University in Casablanca in cooperation with the International Association for Cryptologic Research (IACR). The aim of I4CS 2022 is to provide an international forum for practitioners and researchers from industry, academia, and government worldwide for a wide-ranging discussion of all forms of cryptography, coding theory, cyber security, and their applications.

Program

Thursday, October 27, 2022	
8h30-9h30	Registration
9h30- 13h	The opening ceremony
13h-14h	Lunch
	Session I
	Moderators: S.Benkadeur –H.Larabi-J.Mouline
14h-15h	“ “ Abderrahmane Nitaj
15h-15h30	Cryptography with genetic algorithms. By Abderrahim Tragha
15h30-16h	Cryptosystems Based on Elliptic Curves over Finite Ring $F_p[i]$.By Abdelalim Seddik
16h-16h30	Coffee break
	Session II
	Moderators: B. Aharmim- A.Ettaoufik-M.Guessous-S.Ounacer
16h30-17h30	“ What cyber security of industrial 4.0 systems and the industrial internet of things “ Karim Zkik
17h30- 18h	Cryptography over time. By Mhamed Abdou Elomary
18h-18h30	“ Security and privacy of Blockchain using ai in smart environement “ Oumaima fadi
Friday, October 28, 2022	
	SessionI
	Moderateurs: R.Aitabelouahid-M.Barmaki-I.Agmour- Y.Foutayni-- A.Tragha
9h-10h	Fully homomorphic cryptography over a noncommutative ring. By Abdelhakim Chillali
10h-10h30	Coffee Break
10h30-11h	An Embedded AI-based Smart Intrusion Detection System for Edge-to-Cloud Systems. By Ritu-Ranjan Shrivastwa, Zakaria Bouakka, Thomas Perianin,

	Fabrice Dislaire, Tristan Gaudron, Youssef Souissi, Khaled Karray and Sylvain Guilley
11h-11h 30	Batch point compression in the context of advanced pairing-based protocols. By Dmitrii Koshelev
11h30-12h	A complementary result on the construction of quadratic cyclotomic classes . Kamil Otal and Eda Tekin
12h-12h 30	New Lattice-Based Signature Based on Fiat-Shamir Framework Without Aborts . By Chik How Tan and Theo Fanuela Prabowo
12h30-13h	A new addition law in twisted Edwards curves on non local ring $F_q[e]$ with $e^2 = e$.By Moha Ben Taleb Elhamam, Abdelhakim Chillali and Lhoussain El Fadil
13h-15h	Lunch
	Session II
	Moderators:A.Bassou-A.Eladraoui-E.Lotfi- M.Izid-M.Ouarrachi-O.Zakary
15h-15h30	FLC: a provable secure SPN-based scheme. By Cuong Nguyen, Anh Nguyen, Long Nguyen, Phong Trieu and Lai Tran
15h30-16h	COMPRESSION POINT IN FIELD OF CHARACTERISTIC. By Ismail Assoujaa, Siham Ezzouak and Hakima Mouanis
16h-16h30	Cryptanalysis of a code-based identification scheme presented in CANS 2018.By Boly Seck, Pierre-Louis Cayrel
16h30-17h	Coffee Break
17h-17h30	A Framework for the Design of Secure and Efficient Proofs of Retrievability.By Maxime Roméas and Françoise Levy-Dit-Vehel
17h30-18h	Perfect and Hamming and Simplex Linear Error-Block Codes with Minimum π -distance 3. By Soukaina Belabssir, and El Mamoun Souidi
<i>Important Dates</i>	
Papers Submission:	August 31, 2022
Authors Notifications:	October 8, 2022
Camera-ready version:	October 15, 2022
Conference dates:	October 26-27-28, 2022