

<b>Part A. PERSONAL INFORMATION</b>		<b>CV date</b>	8/06/2021
First and Familyname	LLORENÇ HUGUET ROTGER		
Social Security, Passport, ID number	41730908F	Age	67
Researchernumbers	Researcher ID		
	Orcidcode		

### A.1. Current position

Name of University/Institution	Universidad de les Illes Balears		
Department	Maths and Computer Science		
Address and Country	Carretera de Valldemossa km. 7,5, 07122, Palma (I. Balears)		
Phonenumber	971173246	E-mail	<a href="mailto:l.huguet@uib.es">l.huguet@uib.es</a>
Current position	Full Professor	From	1990
Espec. cód. UNESCO	120300 – Computer Science		
Palabras clave	Security, e-commerce, fair exchange		

### A.2. Education

	University	Year
PhD Computer Science	Universidad Autònoma de Barcelona	1981
Mathematics (“Licenciatura”)	Universidad Autònoma de Barcelona	1977

### A.3. JCR articles, h Index, thesis supervised...

Number of research six-year terms (“sexenios”): 6

Number of theses advised: 7

Total cites: 101 (Scopus)

Cites/year: 4 (Scopus)

h-index: 5 (Scopus)

### PartB. CV SUMMARY (max. 3500 characters, including spaces)

Llorenç Huguet Rotger, full professor (Catedrático de Universidad) at the Universidad de les Illes Balears from 1991. Previously, he held some other positions at the university Autònoma de Barcelona (“ayudante”, “titular de universidad”). The main topic of his research was codes and cryptography at the beginning of his research career. Later, he has been working on security in electronic commerce (understanding e-commerce in a broad sense). Focusing on the last 25 years, the research was about protocols for secure contract signing, and secure certified electronic mail protocols. Later on, the research was expanded to payment systems and secure protocols for electronic payment for an electronic receipt. More recently (5 years ago), he has been working on finding secure solutions for electronics tickets and electronic coupons.

He is author of more than 100 papers published in journals and conferences, international and national, some of them included in the Journal Citation Report (3 in 2018). Since 1991 he has been a researcher in 17 competitive research projects, all of them related to security in electronic services and communications. He is author of 7 book chapter, coauthor of 2 books, and coauthor of a patent (with researchers from the Universidad de les Illes Balears and from Universidad Rovira I Virgili) about secure transferable e-tickets.

He is participating in one academic spin-off: Keyron, a company devoted to develop telemedicine applications.

His research will focus in the following years in finding secure solutions for fair exchange of values, e-tickets and e-coupons based on blockchain. This topic has been initiated recently in our research group, but positively, some of the members of the group have already achieved some results, and some of them hope to publish some results in the near future.

## **PartC. RELEVANT MERITS**

### **C.1. Publications (including books)**

Ferrer-Gomila, J. L., Hinarejos, M. F., Draper-Gil, G., & Huguet-Rotger, L. (2018). Optimistic protocol for certified electronic mail with verifiable TTP. *Computer Standards & Interfaces*, 57, pp. 20-30, ISSN 0920-5489.

*Impact Factor: 1.465, 5-Year Impact Factor: 1.479, Rank: Computer Science, Software Engineering: 47/104, Q2*

Ferrer-Gomila, J. L., Hinarejos, M. F., & Huguet-Rotger, L. (2018). A survey on electronic coupons. *Computers & Security*, 77, pp. 106-127, ISSN 0167-4048.

*Impact Factor: 2.650, 5-Year Impact Factor: 2.862, Rank: Computer Science, Information Systems : 44/148, Q2*

Hinarejos, M. F., Isern-Deyà, A. P., Ferrer-Gomila, J. L., & Huguet-Rotger, L. (2018). Deployment and performance evaluation of mobile multicoupon solutions. *International Journal of Information Security*, pp. 1-24, ISSN 1615-5262.

*Impact Factor: 1.658, 5-Year Impact Factor: 1.683, Rank: Computer Science, Theory & Methods: 38/103, Q2*

A. P. Isern Deyà, L. Huguet-Rotger, M. Magdalena Payeras-Capellà. M. Mut-Puigserver 2014. On the practicability of using group signatures on mobile devices: implementation and performance analysis on the android platform - *International Journal Of Information Security*. 14-4, pp.335-345. ISSN 1615-5262.

*Impact Factor: 0,963, 5-Year Impact Factor: 0,919, Rank: Computer Science, Theory Methods: 48/102, Q2.*

A. P. Isern-Deyà; M. Magdalena Payeras-Capellà, M. Mut-Puigserver, J.L. Ferrer-gomila and L. Huguet-Rotger, 2013. Secure Automatic Fare Collection System for Time-Based or Distance-based Services with Revocable Anonymity for users.904441 - *Computer Journal*. 56-10, pp.1198-1215. ISSN 0010-4620.

*Impact Factor: 0.755, 5-Year Journal Impact Factor: 0.954. Rank: COMPUTER SCIENCE, HARDWARE & ARCHITECTURE 33/50. Q3, Computer science, Information systems 80/132. Q3, Computer science, Software engineering 69/105. Q3 Computer science, Theory & methods, 56/100. Q3*

### **C.2. Research projects and grants**

TIN2014-54945-R, Acceso Seguro a Servicios Turísticos. Acrónimo: Access Tur Ministerio de Economía y Competitividad (MINECO). Maria Magdalena Payeras Capellà; José Luis Ferrer Gomila. (Universidad de las Islas Baleares). 01/01/2015-31/12/2018. 73.326 €.

CSD2007-00004, ARES: Team for Advanced Research on Information Security and Privacy. Ministerio de Educación y Ciencia. José Luis Ferrer Gomila. (Universidad de las Islas Baleares). 01/01/2008-09/09/2014. 722.693,52 €.

TSI2007-62986, Seguridad en la Contratación Electrónica basada en servicios WEB (SCONES-WEB) Ministerio de Educación y Ciencia. José Luis Ferrer Gomila. (Universidad de las Islas Baleares). 01/10/2007-30/09/2010. 47.069 €.

PROGECIB - 16 A, Tecnologías de la Información para la e-Contratación en el sector Turístico (Turis-tic) Conselleria d'Economia, Hisenda i Innovació. Govern de les Illes Balears. José Luis Ferrer Gomila. (Universidad de las Islas Baleares). 01/04/2007-31/03/2009. 18.000,01 €.

### **C.3. Contracts**

Dome Android: Prerrogativas de seguridad para la implementación de sistemas de e-ticketing. Main researcher: Llorenç Huguet i Rotger. 01/2019 – 12/2010. Budget: 20.149€.

### **C.4. Patents**

Domingo Ferrer Josep, Castellà Roca Jordi, Vives Guasch Arnau, aragonés Vilella Jordi, Huguet Rotger Llorenç, Ferrer Gomila Josep Lluís, Mut Puigserver Macià, Payeras capellà M. Magdalena. P201230268. Método para realizar transacciones con billetes digitales. PCT/ES2013/000045 Spain. 2012. Universitat de les Illes Balears and Universitat Roviri i Virgili.

### **C.5 Institutional responsibilities**

Rector at the UIB (1995-2003 and 2013-2018)

Dean of the Higher Polytechnic School (1991-1995)

### **C.6. Program committee member**

Member of the program committee of multiple international conferences.

### **C.7 . Awards**

Best paper presented at the conference “10th International Conference on Advances in Mobile Computing and Multimedia 2012” (MoMM2012).

### **C.8 . Transference**

Member of one spin-off: Keyron

First prize in the modality of business plans of companies with Innovative technology of new creation (Keyron), by the Balearic Government.