

Section A. PERSONAL DATA

Name and Surname	Jaime Delgado		
DNI	35.006.157L	Age	58
Researcher's identification number	Researcher ID		
	Orcid code	0000-0003-1366-663X	

A.1. Current professional situation

Institution	Universitat Politècnica de Catalunya		
Department	Dpt. of Computer Architecture		
Address	C/ Jordi Girona, 1-3, Mòdul D6 08034 Barcelona		
Phone	934011644	Email	jaime.delgado@ac.upc.edu
Professional category	University Full Professor	Start date	03/03/2001
UNESCO spec. code	330413		
Keywords	Privacy, Security, Metadata, e-Health, Standards, Distributed Multimedia Applications		

A.2. Academic education (degrees, institutions, dates)

Bachelor/Master/PhD	University	Year
PhD Telecommunications	Universitat Politècnica de Catalunya	1987
Telecommunications Eng. MSc.	Universitat Politècnica de Catalunya	1983

A.3. General quality indicators of scientific production

- Advisor for 10 PhD Thesis in the last 10 years (15 PhD in total). ✓
- Publications' citations summary (from *Google Scholar Citations*):
 Citations: 1464 (Sept. 2017).
 Yearly citations last 5 years (2012-2016): 388 / 5= 77,6.
 H index = 18.
- Total number of publications in the first quartile (Q1): 8 (+9 in Q2), in the last 7 years.
- Other data:
 Publications between 2009 and 2017 (sept.) = 67. (Total: around 230).
 Articles in journals between 2009 and 2017 = 25.

Section B. SUMMARY OF THE CURRICULUM

- Ph.D. in Telecommunication Engineering, 1987.
- Full Professor at the Universitat Politècnica de Catalunya (UPC) since 2006, leading the Distributed Multimedia Applications Group (DMAG). Previously, Full Professor at the Universitat Pompeu Fabra (UPF), also in Barcelona, since 2001.
- Dean of the Informatics Engineering studies at the UPF, from end of 2001 until mid-2004.
- Project Manager in many European and national R&D projects in areas such as document formats and protocols, security, digital rights management, multimedia metadata, search and ontologies, and, currently, Privacy & Security, metadata, eHealth, etc.
- In the last 10 years, co-editor of many international standards (more than 20) and co-chair of several (around 10) groups in ISO/IEC (MPEG & JPEG committees). Currently co-chair of the Ad Hoc Group on Genomic Information Representation. Previously, participation in other ISO WGs and standardization organizations, such as ITU-T, W3C, CEN-EWOS, etc.

- Evaluator and reviewer for the European Commission for around 30 years.
- Advisor for Spanish administrations, including the ANEP (evaluation agency), some Spanish ministries and the Quality Agency of the Balearic Islands.
- CEO and co-founder of mediaTG Platforms, for the development of distributed multimedia applications and information systems. Since 2014.
- CEO and co-founder of Clinical Document Engineering, providing a cloud-based platform for structured and standardized clinical documents that facilitates, in a secure way, access to them by patients and health professionals. Since 2015.
- Chair of the SSE (Security, Safety and Ethics) of the EFMI (European Federation for Medical Informatics) since 2016.
- Member of the "Comité Asesor Científico" (Scientific Advisory Committee) of the SEIS ("Sociedad Española de Informática de la Salud", Spanish Society for Medical Informatics), since 2017.

Section C. 10 MOST RELEVANT PUBLICATIONS (ordered by year of publication)

Authors: Temmermans, F.; Ebrahimi, T.; Foessel, S.; **Delgado, J.**; Ishikawa, T.; Natu, A.; Schelkens, P.

Title: JPEG Privacy and Security framework for social networking and GLAM services

Journal: EURASIP Journal on Image and Video Processing 2017 (1), 68

Year: (set) 2017

Impact factor: 1.742. **Q?**

DOI: 10.1186/s13640-017-0216-z

Authors: **Delgado, J.**; Llorente, S.; Pàmies, M.; Vilalta, J

Title: Health - exploring complexity: an interdisciplinary systems approach

Journal (title, volume, start and end page): European Journal of Epidemiology, Vol.: 31.

Num.: 1. Pags.: S41 ~ S41.

Year: 2016

Impact factor (SCI/SSCI/AHCI): 7.226 (2015). Quartile and area (SCI/SSCI): **Q1**

DOI: 10.1007/s10654-016-0183-1

Authors: Rodríguez-Doncel, V.; **Delgado, J.**; Llorente, S.; Rodríguez, E.; Boch, L.

Title: Overview of the MPEG-21 Media Contract Ontology

Journal (title, volume, start and end page): Semantic Web. Vol.: 7. Num.: 3. Pags.: 311 ~ 332.

Year: 2016

Impact factor (SCI/SSCI/AHCI): 1.786 (2015). Quartile and area (SCI/SSCI): **Q1**

DOI: 10.3233/SW-160215

Authors: Rodríguez, E.; **Delgado, J.**; Boch, L.; Rodríguez-Doncel, V.

Title: Media contract formalization using a standardized contract expression language

Journal (title, volume, start and end page): IEEE multimedia. Vol.: 22. Num.: 2. Pags.: 64 ~ 74

IEEE. ISSN 1070-986X

Year: 2015

Impact factor (SCI/SSCI/AHCI): 1.361. Quartile and area (SCI/SSCI): **Q1**

DOI: 10.1109/MMUL.2014.22

URL for text: <<https://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=6786878>>

Authors: Llorente, S.; **Delgado, J.**; Maroñas, X.; Florido, J.

Title: Definition of standards-based building blocks for multimedia content management

Journal: Multimedia tools and applications 74 (18), 7661-7683

Date: 09/2015

Springer. ISSN 1380-7501

Impact factor – quartile (2013): 1,058 - **Q2**. Impact agency: ISI

DOI: 10.1007/s11042-014-2005-3

URL for text: <<http://link.springer.com/article/10.1007/s11042-014-2005-3>>.

Authors: Llorente, S.; Rodriguez, E.; **Delgado, J.**; Torres-Padrosa, V.

Title: Standards-based Architectures for Content Management

Journal: IEEE Multimedia, Volume 20, Issue 4, October-December **2013**, Pages 62-72

Impact factor: JCR-Science Edition, 1.767 (2013) Quartile and area: **Q1**, COMPUTER SCIENCE, THEORY & METHODS, ISSN: 1070-986X

Authors: Yoon, K.; Kim, Y.; Park, J.; **Delgado, J.**; Yamada, A.; Dufaux, F.; Tous, R.

Title: JPSearch: new international standard providing interoperable framework for image search and sharing

Journal: Elsevier Signal Processing: Image Communication, Volume 27, Issue 7, August **2012**, Pages 709-721

Impact factor: JCR-Science Edition, 1.286 (2012). Quartile and area: Q2, ENGINEERING, ELECTRICAL & ELECTRONIC, ISSN: 0923-5965

Authors: Tous, R.; Ballester, R.; **Delgado, J.**; Kiesslich, R.; Goetz, M.

Title: Computer-assisted diagnosis of confocal laser endomicroscopy (CLE) by a novel image analysis and semantic annotation method

Journal: Gastrointestinal endoscopy, vol. 75, issue 4, **2012**, pages 220-220

Impact factor: JCR-Science Edition, 5.21 (2012). Quartile and area: **Q1**, ISSN: 0016-5107

Authors: Rodriguez, V.; **Delgado, J.**

Title: A Media Value Chain Ontology for MPEG-21

Journal: IEEE multimedia, vol. 16, issue 4, **2009**, pages. 44-50

Impact factor: JCR-Science Edition, 2.258 (2008). Quartile and area: **Q1**, COMPUTER SCIENCE, THEORY & METHODS, ISSN: 1070-986X

Authors: Doeller, M.; Tous, R.; Gruhne, M.; Choi, M.; Lim, T.; **Delgado, J.**; Yakou, A.

Title: Semantic MPEG query format validation and processing

Journal: IEEE multimedia, vol. 16, issue 4, **2009**, pages 22-33

Impact factor: JCR-Science Edition, 2.258 (2008). Quartile and area: **Q1**, COMPUTER SCIENCE, THEORY & METHODS, ISSN: 1070-986X

Authors: Torres, V.; Serrao, C.; Dias, M.; **Delgado, J.**

Title: Open DRM and the future of media

Journal: IEEE multimedia, volume 15, 06/**2008**, pages 28-36

Impact factor: JCR-Science Edition, 2.258 (2008). Quartile and area: **Q1**, COMPUTER SCIENCE, THEORY & METHODS, ISSN: 1070-986X