

TESIS DOCTORALS LLEGIDES- DTIC

Núm	ANY	DATA	AUTOR	DIRECTOR	TÍTOL PROJECTE	QUALIFICACIÓ	OBSERVACIONS
76	2012		Nicolas Duchateau	Alejandro Frangi i Mathieu De Craena	Statistical Atlases of cardiac motion and deformation for the characterization of CRT responders	Tesi Dipositada	
75	2012	12/03/2012	Ferdinand Fuhrmann	Xavier Serra	Automatic musical instrument recognition from polyphonic music audio signals	Tesi Dipositada	
74	2012	27/02/2012	Mohamed Sordo	Xavier Serra i Oscar Celma	Semantic annotation of music collections: a computational approach	Tesi Dipositada	
73	2012	22/02/2012	Alexandre Albore	Héctor Geffner	Translation-based approaches to automated planning with incomplete information and sensing	Tesi Dipositada	
72	2011	20/12/2011	Patricia Santos	Davinia Hdez-Leo i Josep Blat	Computing-based testing conceptual model, implementations and experiments extending IMS QTI	Excel·lent cum Laude	
71	2011	29/11/2011	Larissa Albantakis	Gustavo Deco	Decision-making beyond "left or right". A computational study on the neurophysiology behind multiple-choice decision-making and choice reevaluation	Excel·lent cum Laude	
70	2011	19/10/2011	Cyril Laurier	Xavier Serra	Automatic classification of musical Mood by content-based Analysis	Excel·lent cum Laude	
69	2011	29/09/2011	Sira Ferradans	Marcelo Bertalmío i Vicent Caselles	Color image processing problems in Digital Photography	Excel·lent cum Laude	
68	2011	27/09/2011	Cristina González	Ricardo Baeza	Supervised Identification of the user intent of web search queries	Excel·lent cum Laude	
67	2011	27/09/2011	Liliana Calderón	Ricardo Baeza	Unsupervised Identification of the user's query intent in web search	Excel·lent cum Laude	
66	2011	19/09/2011	Martin Inderbitzin	Paul Verschure	Embodied Models of emotion. Verification of psychological and neurobiological theories of emotions using virtual and situated agents	Excel·lent cum Laude	
65	2011	28/07/2011	Chong Zhang	Alejandro Frangi	Recovery of cerebrovascular morphodynamics from time-resolved rotational angiography	Excel·lent cum Laude	Menció Doctor Europeu
64	2011	04/07/2011	Michail Batikas	Miquel Oliver i Esteve Almirall	SEM's participation to free libre open source communities	Excel·lent	
63	2011	01/07/2011	M ^a Mar Pérez Sangustín	Davinia Hdez-Leo i Josep Blat	Operationalization of collaborative blended learning scripts: a model, computational mechanisms and experiments	Excel·lent cum Laude	Menció Doctor Europeu
62	2011	30/06/2011	Catalina Tobón	Alejandro Frangi	Three-dimensional statistical shape models for multimodal cardiac image analysis	Excel·lent cum Laude	
61	2011	09/06/2011	Khan Ferdous Wahid	Dolors Sala	An ID-based mutually authenticated edge-to-edge security architecture for bridged provider networks to secure layer-2 communications	Excel·lent	Menció Doctor Europeu
60	2011	19/05/2011	Sylvain Le Groux	Paul Verschure	Situated, Perceptual, Emotive and Cognitive Music Systems: a Psychologically Grounded Approach to Interactive Music Composition	Excel·lent cum Laude	

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59	2011	07/04/2011	Daniel Chicharro	Ralph Andrzejak	Characterization of information and causality measures for the study of neuronal data	Excel·lent cum Laude	
58	2011	23/03/2011	Joan Serra Julià	Xavier Serra	Identification of Versions of the Same Musical Composition by Processing Audio Descriptions	Excel·lent cum Laude	Menció Doctor Europeu
57	2011	04/03/2011	Cristina Cano	Miquel Oliver i Boris Bellalta	A Low Power Listening with Wake up after Transmissions MAC Protocol for WSNs	Excel·lent cum Laude	
56	2011	03/03/2011	Gabriele Facciolo	Vicent Caselles	Irregularly Sampled Image Restoration and Interpolation	Excel·lent cum Laude	Menció Doctor Europeu
55	2011	03/03/2011	Enric Meinhardt Llopis	Vicent Caselles	Morphological and Statistical Techniques for the Segmentation of Three-Dimensional Images	Excel·lent cum Laude	Menció Doctor Europeu
54	2011	02/03/2011	Carles Nicolau	Dolors Sala	Study of the Theoretical Bounds and Practical Limits of Time Synchronization Protocols using an Ethernet FPGA Platform	Excel·lent cum Laude	
53	2011	02/03/2011	Ximena Olivares	Ricardo Baeza (UPF) i Roelof van Zowl (Yahoo Research)	Large Scale Image Retrieval based on User Generated Content	Excel·lent cum Laude	
52	2011	12/01/2011	Zenon Mathews	Paul Verschure	Generic neuromorphic principles of cognition and attention for ants, humans and real world artefacts: a comparative computational approach	Excel·lent cum Laude	
51	2010	20/12/2010	Víctor Pascual Cid	Ricardo Baeza i Juan Carlos Dursteler	Visual Exploration of Web Spaces	Excel·lent cum Laude	
50	2010	17/12/2010	Emil Ragip Keyder	Héctor Geffner	New Heuristics for Planning with Action Costs	Excel·lent cum Laude	
49	2010	06/10/2010	Mónica da Silva Cameirao	Paul Verschure	Virtual Reality based Stroke Neurorehabilitation: Development and Assessment of the Rehabilitation Gaming System	Excel·lent cum Laude	Menció Doctor Europeu
48	2010	21/07/2010	Kaushik Pavani	Alejandro Frangi i David Delgado-Gómez (UC3)	Methods for face detection and adaptive face recognition	Excel·lent cum Laude	
47	2010	20/07/2010	Andrés Bühlmann	Gustavo Deco	Information processing in the cortex: the relevance of coherent oscillations for neuronal communication	Excel·lent cum Laude	
46	2010	16/07/2010	Amaury Hazan	Xavier Serra	A causal mid-level approach to predictive representation and learning of spectro-temporal events	Excel·lent cum Laude	
45	2009	03/12/2009	Héctor Luis Palacios Verdes	Héctor Geffner	Translations-based approaches to Conformant Planning	Excel·lent cum Laude	
44	2009	20/11/2009	Carlos Spa Carvajal	Adan Garriga	Time-Domain Numerical Methods in Room Acoustics Simulations	Excel·lent cum Laude	
43	2009	13/11/2009	Alfonso Pérez Carrillo	Xavier Serra	Enhancing Spectral Synthesis Techniques with Performance Gestures using the Violin as a Case Study	Excel·lent cum Laude	Menció Doctor Europeu

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42	2009	12/11/2009	Esteban Maestre Gómez	Xavier Serra i Julius O. Smith III	Modeling Instrumental Gestures: An Analysis/Synthesis Framework For Violin Bowing	Excel·lent cum Laude	
41	2009	01/10/2009	Bárbara Poblete Labra	Ricardo Baeza Yates i Myra Spiliopoulou	Query-Based Data Mining for the Web	Excel·lent cum Laude	
40	2009	21/09/2009	Enric Guaus	Xavier Serra	Audio Content Processing for Automatic Music Genre Classification: Descriptors, Databases, and Classifiers	Excel·lent cum Laude	
39	2009	24/07/2009	Sergio Sayago	Josep Blat	Human-Computer Interaction with Older People: from Factors to Social Actors	Excel·lent cum Laude	
38	2009	14/07/2009	Fabien Girardin	Josep Blat	Aspects of Implicit and Explicit Human Interactions with Ubiquitous Geographic Information	Excel·lent cum Laude	
37	2009	30/06/2009	Pau Arumí	Vicente López i Xavier Amatriain	Real-Time Multimedia Computing on Off-The-Shelf Operating Systems: from Timeliness Dataflow Models to Pattern Languages	Excel·lent cum Laude	
36	2009	25/05/2009	Núria García García	Ramon Agustí i Jordi Pérez (UPC)	Radio Resource Management Strategies based on Hopfield Neural Networks	Excel·lent cum Laude	
35	2009	30/03/2009	David Griffiths Jenkins	Josep Blat	Some Aspects of User Participation and the Application of Specifications in Technology Mediated Educational Innovation	Excel·lent cum Laude	
34	2009	20/03/2009	Jaume Barceló Vicens	Miquel Oliver	Carrier sense Multiple Access with Enhanced Collision Avoidance	Excel·lent cum Laude	
33	2009	16/02/2009	Óscar Celma Herrada	Xavier Serra	Music Recommendation and Discovery in the Long Tail	Excel·lent cum Laude	
32	2009	13/02/2009	Jordi Bonada Sanjaume	Xavier Serra	Voice Processing and Synthesis by Performance Sampling and Spectral Models	Excel·lent cum Laude	Menció Doctor Europeu
31	2009	12/01/2009	Marc Sánchez Artigas	Miquel Oliver i Pedro Garcia (URV)	A Hierical Framework for Pee-to-Peer Systems: Design and Optimizations	Excel·lent cum Laude	Menció Doctor Europeu
30	2008	12/11/2008	Daniel Martí Ortega	Gustavo Deco	Neural Stochastic Dynamics of Perceptual Decision Making	Excel·lent cum Laude	
29	2008	27/10/2008	Víctor Torres Padrosa	Jaime Delgado	Contribution to an Architecture for Multimedia Information Management and Protection Based on Open Standards	Excel·lent cum Laude	
28	2008	09/09/2008	Antonio San Martino Pace	Xavier Perramon	Security proposal for e-banking services: Anti-phishing approach	Excel·lent cum Laude	
27	2008	28/07/2008	Anna Sfairopoulou	Miquel Oliver, Carlos Macián i Boris Bellalta	A cross-layer Mechanism for QOS improvements in Voip over multi Rate WLAN Networks	Excel·lent cum Laude	
26	2008	23/06/2008	Vicenç Gómez Cerdà	Vicente López	Algorithms and complex phenomena in networks: neural ensembles, statistical inference and online communities	Excel·lent cum Laude	Menció Doctor Europeu
25	2008	14/03/2008	Janer Mestres, Jordi	Xavier Serra	Singing-Driven interfaces for sound synthesizers	Excel·lent cum Laude	

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24	2008	07/03/2008	Kaltenbrunner, Andreas	Vicente López	<i>Dynamic of Message interchange between stochastic units in the contexts of humancommunication behaviour and spiking neurons</i>	Excel lent cum Laude	Menció Doctor Europeu
23	2008	11/02/2008	Loh, Marco	Gustavo Deco	<i>Neurodynamical Modeling of Arbitrary Visuomotor Tasks</i>	Excel lent cum Laude	
22	2007	02/05/2007	Loscos Mira, Àlex	Xavier Serra	<i>Spectral processing of the singing voice</i>	Excel lent cum Laude	
21	2007	27/04/2007	Cano Vila, Pedro	Xavier Serra	<i>Content-based audio search: from fingerprinting to semantic audio retrieval</i>	Excel lent cum Laude	
20	2007	23/02/2007	Bellalta Jiménez, Boris	Miquel Oliver	<i>Flow-Level QoS Guarantees in IEEE 802.11e EDCA-based WLANs</i>	Excel lent cum Laude	
19	2007	21/02/2007	Ong, Bee Suan	Xavier Serra	<i>Structural Analysis and Segmentation of Music Signals</i>	Excel lent	
18	2007	21/02/2007	Streich, Sebastian	Xavier Serra	<i>Music Complexity: a Multi-faceted Description of Audio Content</i>	Excel lent	
17	2007	02/02/2007	Rodríguez Luna, Eva	Jaime Delgado	<i>Standardisation of the Protection and Governance of Multimedia Content</i>	Excel lent cum Laude	
16	2006	06/11/2006	Grachten, Martin	Josep Ll. Arcos (CSIC)	<i>Expressivity-Aware Tempo Transformations of Music Performances Using Case Based Reasoning</i>	Excel lent cum Laude	
15	2006	04/10/2006	Tous Liesa, Rubén	Jaime Delgado	<i>Data Integration with XML and Semantic Web Technologies</i>	Excel lent cum Laude	
14	2006	05/09/2006	Navarrete Terrasa, Toni	Josep Blat	<i>Semantic Integration of Thematic Geographic Information in a Multimedia Context</i>	Excel lent cum Laude	
13	2006	25/07/2006	Gómez Gutiérrez, Emilia	Xavier Serra	<i>Tonal Description of Music Audio Signals</i>	Excel lent cum Laude	
12	2006	03/07/2006	Mendes Barbosa, Álvaro M.	Xavier Serra i Sergi Jordà	<i>Computer-Suported Cooperative Work for Music Applications</i>	Excel lent cum Laude	
11	2006	21/04/2006	García González, Roberto	Jaime Delgado	<i>A semantic web approach to digital rights management</i>	Excel lent cum Laude	
10	2006	16/01/2006	Igual Muñoz, Laura	Vicent Caselles i Lluís Garrido	<i>Image segmentation and compression using the tree of shapes of an image. Motion estimation</i>	Excel lent cum Laude	
9	2005	30/11/2005	Gouyon, Fabien	Xavier Serra i Gerhard Widmer	<i>A Computational Approach to Rhythm Description - Audio Features for the Computation of Rhythm Periodicity Functions and their Use in Tempo Induction and Music Content Processing</i>	Excel lent cum Laude	
8	2005	11/07/2005	Haro Ortega, Gloria	Vicent Caselles i Rosa Donat	<i>Numerical simulation of shallow water equations and some physical models in image processing</i>	Excel lent cum Laude	
7	2005	21/06/2005	Jordà Puig, Sergi	Xavier Serra	<i>Digital Lutherie -- Crafting musical computers for new musics performance and improvisation</i>	Excel lent cum Laude	
6	2005	04/02/2005	Gil Iranzo, Rosa María	Jaime Delgado	<i>Agents negotiating in a semantic web architecture (SWA)</i>	Excel lent cum Laude	

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5	2005	27/01/2005	Amatriain Rubio, Javier P.	Xavier Serra	<i>An object-oriented metamodel for digital signal processing with a focus on audio and music</i>	Excel lent cum Laude	
4	2004	15/10/2004	Llorente Viejo, Silvia	Jaime Delgado	<i>Electronic Commerce of Services</i>	Excel lent cum Laude	
3	2004	09/02/2004	Peig Olivé, Enric	Jaime Delgado	<i>Interoperabilidad de Metadatos en Sistemas Distribuidos</i>	Excel lent cum Laude	
2	2004	09/02/2004	Verdera Ribas, Joan	Vicent Caselles	<i>Some Interpolation Problems in Image Processing</i>	Excel lent cum Laude	
1	2002	21/06/2002	Solé Martínez, Andrés F.	Vicent Caselles	<i>Geometric Image Coding, Filtering and Restoration</i>	Excel lent cum Laude	