

PhD in Information Technologies and their Application in Management, Architecture and Geophysics

2022-23 Thesis

Besné Yanguas, Alia

Tesi. Directors: Dr. David Fonseca, Dr. Alberto Sanchez . **GRETEL**

Análisis de las dificultades de integración de tecnología y metodología BIM en grados AEC

<https://www.tdx.cat/handle/10803/675918#page=1>

Articles:

Besné, A., Pérez, M. Á., Necchi, S., Peña, E., Fonseca, D., Navarro, I., & Redondo, E. (2021). A systematic review of current strategies and methods for BIM implementation in the academic field. *Applied Sciences*, 11(12), 5530.

Banawi, A. A., Besne, A., Fonseca, D., & Ferrandiz, J. (2020). A Three Methods Proactive Improvement Model for Buildings Construction Processes. *Sustainability*, 12(10), 4335.

Bagheri Moghaddam, F., Fort Mir, J. M., Besné Yanguas, A., Navarro Delgado, I., & Redondo Dominguez, E. (2020). Building orientation in green facade performance and its positive effects on urban landscape case study: An urban block in Barcelona. *Sustainability*, 12(21), 9273.

Garza Segovia, Marcela

Tesi. Director: Dr. . Christopher Kennett. **GREITM**

Towards an integrated framework of sports sponsorship life-cycle process and digitalization: a case study of Euroleague Basketball

<https://www.tdx.cat/handle/10803/687815#page=1>

Articles:

Garza Segovia, M., & Kennett, C. (2022). Digitalization and Sports Sponsorship Strategy: A Review and Research Agenda. *Annals of Applied Sport Science*, 10(4), 0-0.

Segovia, M. G. (2021). Digital Media and Its Use in Sports Marketing: Turkish Airlines Euroleague Basketball Final Four 2021. *Marketing Identity*, 9(1), 174-182.

Mallorquí Campà, Adrià

Tesi. Director: Dr. Agustín Zaballos. **GRITS**

Trustworthiness Mechanisms for Long-Distance Networks in Internet of Things

<https://www.tdx.cat/handle/10803/687704#page=1>

Articles:

Mallorquí, A., Zaballos, A., & Serra, D. (2022). A Delay-Tolerant Network for Antarctica. *IEEE Communications Magazine*, 60(12), 56-62.

Mallorquí, A., & Zaballos, A. (2021). A heterogeneous layer-based trustworthiness model for long backhaul nvis challenging networks and an iot telemetry service for antarctica. *Sensors*, 21(10), 3446.

Briones, A., Mallorquí, A., Zaballos, A., & Martin de Pozuelo, R. (2021). Wireless loss detection over fairly shared heterogeneous long fat networks. *Electronics*, 10(9), 987.

Mallorquí, A., Zaballos, A., Briones, A., & Corral, G. (2022). Confiabilidad en la capa de transporte para la red de sensores ant'artica. arXiv preprint arXiv:2210.11084.

Sánchez, J., Mallorquí, A., Briones, A., Zaballos, A., & Corral, G. (2020). An integral pedagogical strategy for teaching and learning IoT cybersecurity. *Sensors*, 20(14), 3970.

Briones, A., Mallorquí, A., Zaballos, A., & de Pozuelo, R. M. (2021). Adaptive and aggressive transport protocol to provide QoS in cloud data exchange over Long Fat Networks. *Future Generation Computer Systems*, 115, 34-44.

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Briones Delgado, Alan

Tesi. Directors: Dr. Agustín Zaballos , Dr. Ramon Martín de Pozuelo . **GRITS**

Transport Layer solution for bulk data transfers over Heterogeneous Long Fat Networks in Next Generation Networks

<https://www.tesisenred.net/handle/10803/672429#page=1>

Articles:

Zaballos, A., Briones, A., Massa, A., Centelles, P., & Caballero, V. (2020). A smart campus' digital twin for sustainable comfort monitoring. *Sustainability*, 12(21), 9196.

Briones, A., Mallorquí, A., Zaballos, A., & de Pozuelo, R. M. (2021). Adaptive and aggressive transport protocol to provide QoS in cloud data exchange over Long Fat Networks. *Future Generation Computer Systems*, 115, 34-44.

Briones, A., Mallorquí, A., Zaballos, A., & Martín de Pozuelo, R. (2021). Wireless loss detection over fairly shared heterogeneous long fat networks. *Electronics*, 10(9), 987.

Porte, J., Briones, A., Maso, J. M., Pares, C., Zaballos, A., & Pijoan, J. L. (2020). Heterogeneous wireless IoT architecture for natural disaster monitorization. *EURASIP Journal on Wireless Communications and Networking*, 2020(1), 1-27.

Sánchez, J., Zaballos, A., de Pozuelo, R. M., Corral, G., & Briones, A. (2017). Security in Smart Grids. In *From Internet of Things to Smart Cities* (pp. 179-225). Chapman and Hall/CRC.

Briones Delgado, A., Martín de Pozuelo, R., Navarro Martín, J., & Zaballos Diego, A. (2016). Resource Allocation on a Hybrid Cloud for Smart Grids. *Network Protocols and Algorithms*, 2016. Vol. 8, 1.

Solé-Beteta, X., Navarro, J., Vernet, D., Zaballos, A., Torres-Kompen, R., Fonseca, D., & Briones, A. (2021). Automatic tutoring system to support cross-disciplinary training in Big Data. *The Journal of Supercomputing*, 77, 1818-1852.

de Paula Vila, Víctor

Tesi. Director: Dr. Juan José Curto. **GRG**

Evolución Temporal, Caracterización y Asimetría Norte-Sur de la Actividad Solar mediante Registros del Observatorio del Ebro sobre Grupos de Manchas y Playas Solares durante 1910-1937

<https://www.tesisenred.net/handle/10803/674841#page=1>

Articles:

De Paula, V., Curto, J. J., & Casas, R. (2016). The solar rotation in the 1930s from the sunspot and flocculi catalogs of the Ebro observatory. *Solar Physics*, 291, 2269-2279.

Seguí, A., Curto, J. J., De Paula, V., Rodríguez-Gasén, R., & Vaquero, J. M. (2019). Temporal variation and asymmetry of sunspot and solar plage types from 1930 to 1936. *Advances in Space Research*, 63(11), 3738-3748.

De Paula, V., & Curto, J. J. (2020). The evolution over time and north–south asymmetry of sunspots and solar plages for the period 1910 to 1937 using data from Ebro catalogues. *Solar Physics*, 295(7), 99.

De Paula, V., Curto, J. J., & Sole, T. (2021). Application of the Markov chain model to sunspots and solar plages for the period 1910 to 1937 using data from ebro catalogues. *Solar Physics*, 296(6), 92.

De Paula, V., Curto, J. J., & Oliver, R. (2022). The cyclic behaviour in the N–S asymmetry of sunspots and solar plages for the period 1910 to 1937 using data from Ebro catalogues. *Monthly Notices of the Royal Astronomical Society*, 512(4), 5726-5742.

De Paula, V., Segarra, A., Altadill, D., Curto, J. J., & Blanch, E. (2022). Detection of Solar Flares from the Analysis of Signal-to-Noise Ratio Recorded by Digisonde at Mid-Latitudes. *Remote Sensing*, 14(8), 1898.

García Corretjer, Maria Alejandra

Tesi. Director: Dr. David Miralles **GTM**

On the relationship between people, objects, & interactive technologies

<https://www.tesisenred.net/handle/10803/673416#page=1>

Article:

García-Corretjer, M., Ros, R., Mallol, R., & Miralles, D. (2022). Empathy as an engaging strategy in social robotics: a pilot study. *User Modeling and User-Adapted Interaction*, 1-39.

Llopis Casellas, Jaume

Tesi. Directors: Dr. August Climent, Dr. José Daniel Barquero . **GREITM**

La dirección general en la era de la hiperconectividad: las nuevas coordenadas

<https://www.tesisenred.net/handle/10803/674840#page=1>

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i Casellas, J. L. Las nuevas coordenadas de la Dirección General.

Orga Vidal, Ferran

Tesi. Directors: Francesc Alías i Pujol, Dra. Rosa Maria Alsina. **GTM**

Caracterització de l'impacte dels esdeveniments acústics en els nivells equivalents sonors i en la percepció dels ciutadans per a la confecció de mapes dinàmics de soroll

<https://www.tesisenred.net/handle/10803/674634#page=1>

Articles:

Alsina-Pagès, R. M., Alías, F., Socoró, J. C., Orga, F., Benocci, R. i Zambon, G. Anomalous events removal for automated traffic noise maps generation. *Applied Acoustics*, vol. 151 (2019), pàg. 183-192.

Alsina-Pagès, R. M., Alías, F., Socoró, J. C. i Orga, F. Detection of anomalous noise events on low-capacity acoustic nodes for dynamic road traffic noise mapping within an hybrid WASN. *Sensors*, vol. 18, núm. 4 (2018), pàg. 1272.

Alsina-Pagès, R. M., Orga, F., Alías, F. i Socoró, J. C. A WASNbased suburban dataset for anomalous noise event detection on dynamic road-traffic noise mapping. *Sensors*, vol. 19, núm. 11 (2019), pàg. 2480.

Orga, F., Alías, F. i Alsina-Pagès, R. M. On the impact of anomalous noise events on road traffic noise mapping in urban and suburban environments. *International Journal of Environmental Research and Public Health*, vol. 15 núm. 1 (2018), pàg. 13.

Alías, F., Orga, F., Alsina-Pagès, R. M. i Socoró, J. C. Aggregate impact of anomalous noise events on the WASN-based computation of road traffic noise levels in urban and suburban environments. *Sensors*, vol. 20, núm. 3 (2020), pàg. 609.

Petchamé Sabartés, Josep

Tesi. Directors: Dr. David Riu, Dr. Ignasi Iriondo. **DS4DS**

La voz del alumnado en el (re)diseño de asignaturas para incentivar su engagement mediante un enfoque cualitativo

<https://www.tesisenred.net/handle/10803/672429#page=1>

Articles:

Petchamé, J.; Iriondo, I.; Villegas, E.; Riu, D.; Fonseca, D. Comparing Face-to-Face, Emergency Remote Teaching and Smart Classroom: A Qualitative Exploratory Research Based on Students' Experience during the COVID-19 Pandemic. *Sustainability* 2021, 13, 6625.

Petchamé, J.; Iriondo, I.; Canaleta, X.; Riu, D.; Necchi, S. Engaging ICT Engineering Undergraduates in a Management Subject through First Day of Class Activities: An Empirical Study. *Sustainability* 2021, 13, 7440

Petchamé, J.; Iriondo, I.; Villegas, E.; Fonseca, D.; Romero Yesa, S.; Aláez, M. A Qualitative Approach to Help Adjust the Design of Management Subjects in ICT Engineering Undergraduate Programs through User Experience in a Smart Classroom Context. *Sensors* 2021, 21, 4762

Vidaña Vila, Ester

Tesi. Directora: Dra. Rosa Maria Alsina. **GTM**

Real-time acoustic event classification in urban environments using low-cost devices

<https://www.tesisenred.net/handle/10803/674149#page=1>

Articles:

Vidaña-Vila, E., Navarro, J., Stowell, D., & Alsina-Pagès, R. M. (2021). Multilabel acoustic event classification using real-world urban data and physical redundancy of sensors. *Sensors*, 21(22), 7470.

Vidaña-Vila, E., Navarro, J., Borda-Fortuny, C., Stowell, D., & Alsina-Pagès, R. M. (2020). Low-cost distributed acoustic sensor network for real-time urban sound monitoring. *Electronics*, 9(12), 2119.

Vidana-Vila, E., Navarro, J., Alsina-Pages, R. M., & Ramirez, A. (2020). A two-stage approach to automatically detect and classify woodpecker (Fam. Picidae) sounds. *Applied Acoustics*, 166, 107312.

Vidaña-Vila, E., Duboc, L., Alsina-Pagès, R. M., Polls, F., & Vargas, H. (2020). Bcndataset: Description and analysis of an annotated night urban leisure sound dataset. *Sustainability*, 12(19), 8140.

Navarro, J., Vidaña-Vila, E., Alsina-Pagès, R. M., & Hervás, M. (2018). Real-time distributed architecture for remote acoustic elderly monitoring in residential-scale ambient assisted living scenarios. *Sensors*, 18(8), 2492.

Vidaña-Vila, E., Navarro, J., & Alsina-Pagès, R. M. (2017). Towards automatic bird detection: An annotated and segmented acoustic dataset of seven picidae species. *Data*, 2(2), 18.

2020-21

Balladares Fuentes, Ana Gabriela

Tesi. Directors: Dr. Francesc Miralles, Dr. Christopher Kennett. **GREITM**

Changing consumer behavior in the digital age: perceived risk in information search process

<https://www.tesisenred.net/handle/10803/671443#page=1>

Cubeles Màrquez, Albert

Tesi. Director: Dr. David Riu **DS4DS**

La relación entre el conocimiento tecnológico del profesor y el uso de tecnología en el aula

<https://www.tesisenred.net/handle/10803/670168#page=1>

Articles:

Cubeles, A., & Riu, D. (2018). The effective integration of ICTs in universities: the role of knowledge and academic experience of professors. *Technology, Pedagogy and Education*, 27(3), 339-349.

Cubeles, A., & Riu, D. (2016, November). Teachers' use of technology in the university classroom. In *Proceedings of the Fourth International Conference on Technological Ecosystems for Enhancing Multiculturality* (pp. 671-676).

Dari, Jacopo

Tesi. Director: Dr. Pere Quintana. **GRG**

Towards a better understanding of the Anthropogenic Impact on the Hydrological Cycle: Detecting and Estimating Irrigation through Remote Sensing Soil Moisture

<https://www.tesisenred.net/handle/10803/671502#page=1>

Articles:

Morbidelli, R., Saltalippi, C., Flammini, A., Picciafuoco, T., Dari, J., & Corradini, C. (2018). Characteristics of the underestimation error of annual maximum rainfall depth due to coarse temporal aggregation. *Atmosphere*, 9(8), 303.

Morbidelli, R., Corradini, C., Saltalippi, C., Flammini, A., Dari, J., & Govindaraju, R. S. (2018). Rainfall infiltration modeling: A review. *Water*, 10(12), 1873.

Dari, J., Morbidelli, R., Saltalippi, C., Massari, C., & Brocca, L. (2019). Spatial-temporal variability of soil moisture: Addressing the monitoring at the catchment scale. *Journal of hydrology*, 570, 436-444.

Morbidelli, R., Corradini, C., Saltalippi, C., Flammini, A., Dari, J., & Govindaraju, R. S. (2019). A new conceptual model for slope-infiltration. *Water*, 11(4), 678.

Morbidelli, R., Saltalippi, C., Flammini, A., Cifrodelli, M., Dari, J., Corradini, C., ... & Moramarco, T. (2019). On the applicability of temporal stability analysis to raingauge network design. *Hydrological Sciences Journal*, 64(12), 1424-1438.

Freixes Guerreiro, Marc

Tesi. Directors: Dr. Francesc Alías, Dr. Joan Claudi. **GTM**

Adding expressiveness to unit selection speech synthesis and to numerical voice production

<https://www.tesisenred.net/handle/10803/672066#page=1>

Articles:

Freixes, M., Socoró, J. C., & Alías, F. (2016). Adding singing capabilities to unit selection TTS through HNM-based conversion. In *Advances in Speech and Language Technologies for Iberian Languages: Third International Conference, IberSPEECH 2016, Lisbon, Portugal, November 23-25, 2016, Proceedings 3* (pp. 33-43). Springer International Publishing.

Freixes, M., Arnela, M., Socoró, J. C., Alías, F., & Guasch, O. (2019). Glottal source contribution to higher order modes in the finite element synthesis of vowels. *Applied Sciences*, 9(21), 4535.

Freixes, M., Alías, F., & Socoró, J. C. (2019). A unit selection text-to-speech-and-singing synthesis framework from neutral speech: proof of concept. *EURASIP Journal on Audio, Speech, and Music Processing*, 2019(1), 1-14.

Morris Abarca, Eddy Alberto

Tesi. Director: Dr. Francesc Miralles. **GREITM**

Una visión de Transformación digital y Aprendizaje organizacional en la implantación de un ERP y su efecto en el desempeño organizacional

<https://www.tesisenred.net/handle/10803/671856#page=1>

Articles:

Gonzales, R. A., Morris, E. A., & Jacks, T. (2020). Information Technology Issues in Peru. In *The World IT Project: Global Issues in Information Technology* (pp. 333-344).

Rabechini Jr, R., Abarca, E. A. M., Salcedo, N. U., Saldaña, C. J. P. H., & Paiva, D. C. (2022). Gerenciamento de stakeholders e escritório de gerenciamento de projetos: Efeito nos resultados. *Revista de Administração de Empresas*, 62.

Porte Jiménez, Joaquim

Tesi. Directo: Dr. Joan Lluís Pijoan. **GRITS**

Estudio, diseño e implementación de la capa física para comunicaciones remotas utilizando tecnología NVIS

<https://www.tesisenred.net/handle/10803/672180>

Articles:

Porte, J., Maso, J., Pijoan, J. L., & Badia, D. (2019). Design, implementation, and test of an SDR for NVIS communications. *International Journal of Circuit Theory and Applications*, 47(9), 1502-1512.

Porte, J., Maso, J. M., Pijoan, J. L., & Badia, D. (2020). Sensing system for remote areas in Antarctica. *Radio Science*, 55(3), 1-12.

Maso, J. M., Porte, J., Pijoan, J. L., & Badia, D. (2020). Study of NVIS channel for USN protocol definition in Antarctica. *Electronics*, 9(6), 1037.

Porte, J., Briones, A., Maso, J. M., Pares, C., Zaballos, A., & Pijoan, J. L. (2020). Heterogeneous wireless IoT architecture for natural disaster monitorization. *EURASIP Journal on Wireless Communications and Networking*, 2020(1), 1-27.

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PhD in Information Technologies and their Application in Management, Architecture and Geophysics

2020

CABALLERO, VÍCTOR

THESIS: "New Challenges on Web Architectures for the Homogenization of the Heterogeneity of Smart Objects in the Internet of Things."

<https://www.THESISenred.net/handle/10803/669186#page=1>

DIRECTORS: Dr. Agustín Zaballos, Dr. David Vernet

TITLE	JOURNAL	YEAR
Author: Víctor Caballero "New Challenges on Web Architectures for the Homogenization of the Heterogeneity of Smart Objects in the Internet of Things."	Social Internet of Energy—A New Paradigm for Demand Side Management IEEE Internet of Things Journal Journal-article	2019
Author: Víctor Caballero "Ontology-Defined Middleware for Internet of Things Architectures."	Sensors Journal-article	2019
Author: Víctor Caballero "Prototyping a Web-of-Energy Architecture for Smart Integration of Sensor Networks in Smart Grids Domain."	Sensors Journal-article	2018
Author: Víctor Caballero "High Performance Web of Things Architecture for the Smart Grid Domain."	International Journal of Distributed Sensor Networks Journal-article	2015

JIE, DENG		
THESIS: "Vibroacoustic modeling of acoustic blackhole applications in flat, curved and complex mechanical structures." https://www.THESISenred.net/handle/10803/670666		
DIRECTOR: Dr.Oriol Guasch		
TITLE	JOURNAL	YEAR
Author: N Gao, L Tang, J Deng, K Lu, H Hou, K Chen "Design, fabrication and sound absorption test of composite porous metamaterial with embedding l-plates into porous polyurethane sponge."	Applied acoustics 175, 107845 17 Journal-article	2021
Author: N Gao, X Guo, J Deng, B Cheng, H Hou "Elastic wave modulation of double-leaf ABH beam embedded mass oscillator."	Applied Acoustics 173, 107694 11 Journal-article	2021
Author: J Deng, O Guasch, L Maxit, L Zheng "Transmission loss of plates with multiple embedded acoustic black holes using statistical modal energy distribution analysis."	Mechanical Systems and Signal Processing 150, 107262 6 Journal-article	2021
Author: J Deng, O Guasch, L Maxit, L Zheng "Vibration of cylindrical shells with embedded annular acoustic black holes using the Rayleigh-Ritz method with Gaussian basis funcions."	Mechanical Systems and Signal Processing 150, 107225 4 Journal-article	2021
Author: J Deng, O Guasch, L Zheng "A semi-analytical method for characterizing vibrations in circular beams with embedded acoustic black holes."	Journal of Sound and Vibration 476, 115307 12 Journal-article	2020
Author: J Deng, O Guasch, L Maxit, L Zheng "Reduction of Bloch-Floquet bending waves via annular acoustic black holes in periodically supported cylindrical shell structures."	Applied Acoustics 169, 107424 7 Journal-article	2020
Author: J Deng, L Zheng, P Zeng, Y Zuo, O Guasch "Passive constrained viscoelastic layers to improve the efficiency of truncated acoustic black holes in beams."	Mechanical Systems and Signal Processing 118, 461-476 40 Journal-article	2019

Author: J Deng, O Guasch, L Zheng "Ring-shaped acoustic black holes for broadband vibration isolation in plates."	Journal of Sound and Vibration 458, 109-122 18 Journal-article	2019
Author: J Deng, L Zheng, O Guasch, H Wu, P Zeng, Y Zuo "Gaussian expansion for the vibration analysis of plates with multiple acoustic black holes indentations."	Mechanical Systems and Signal Processing 131, 317-334 16 Journal-article	2019
Author: P Zeng, L Zheng, J Deng, A Elsabbagh, S Xiang, T Yan, Y Wu "Flexural wave concentration in tapered cylindrical beams and wedge-like rectangular beams with power-law thickness."	Journal of Sound and Vibration 452, 82-96 12 Journal-article	2019

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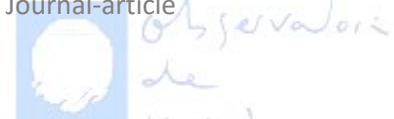



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LABRADOR, EMILIANO JUSTO		
THESIS: "Sistemas gamificados mejorados a través de técnicas de experiencia de usuario." https://www.THESISenred.net/handle/10803/668233#page=1		
DIRECTORS: Dr. Xavier Canaleta, Dra. Ruth Sofia Contreras Espinosa		
TITLE	JOURNAL	YEAR
Author: Emiliano Labrador, Eva Villegas, David Fonseca, Sara Fernández-Guinea "Methodology I'M IN applied to workshop: Succesful educational practice for consultants in user experience with gamification fields."	Universal Access in the Information Society Volum 18 (3), 507-521 Journal-article	2019
Author: Emiliano Labrador, Eva Villegas, David Fonseca, Ruth Contreras "Teaching teamwork in Logistics Engineering through a board game."	The international Journal of Engineering Education (IJEE) 36(1), 510-520 Journal-article	2019
Author: Villegas, Eva & Labrador, Emiliano & Fonseca, David & Fernandez-Guinea, Sara. "Validating Game Mechanics and Gamification Parameters with Card Sorting Methods."	WorldCIST (3), 392-401 Journal-article	2019
Author: Emiliano Labrador, Eva Villegas, David Fonseca, Sara Fernández-Guinea "Design Thinking and Gamification: User Centered Methodologies."	HCII 2019: Learning and Collaboration Technologies. Designing Learning Experiences pp 115-124 Journal-article	2019
Author: Emiliano Labrador, David Fonseca, Ricardo Torres Kompen, Eva Villegas "Technology-Enhanced Learning: Good Educational Practices."	Global Implications of Emerging Technology Trends (pp. 93-114). IGI Global. Disseminator of knowledge Journal-article	2018
Author: Emiliano Labrador, Eva Villegas "Unir Gamificación y Experiencia de Usuario para mejorar la experiencia docente."	RIED. Revista Iberoamericana de Educación a Distancia Volum 19(2), 125 Journal-article	2016
Author: Emiliano Labrador, Eva Villegas "Libro Blanco de la Indústria Catalana del Videojuego 2016. Capítulo: Metodologías de usabilidad y experiencia de usuario (UX) utilizadas por empresas de videojuegos en Cataluña."	Observatori de Comunicació, Videojocs i Entreteniment (UAB, Uvic) Journal-article	2016
Author: Emiliano Labrador, Eva Villegas "Fun Experience Design (FED) aplicado en el aula."	Número especial de ReVisión 72, dedicado a Aprendizaje y Videojuegos Journal-article	2014

<p>Author: Badia, A., García, O., Labrador, E., Pifarré, M., & Villegas, E. "Experiencia de Usuario en los Serious Games para personas con necesidades de Accesibilidad."</p>	<p>Buenas prácticas de accesibilidad en videojuegos, 60 Journal-article</p>	<p>2012</p>
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<p>SÁNCHEZ, MONICA VANESA THESIS: "Interactive virtual method applied in urban design education. Mixed Approach." https://www.THESISenred.net/handle/10803/669741#page=1 DIRECTORES: Dr. David Fonseca, Dr. David Franquesa</p>		
TITLE	JOURNAL	YEAR
<p>Author: Monica Sanchez-Sepulveda, David Fonseca, Alicia Garcia-Holgado, Francisco Jose Garcia-Peñalvo, Jordi Franquesa, Ernesto Redondo, Fernando Moreira. "Evaluation of interactive educational system in urban knowledge acquisition and representation based on the students' profile."</p>	<p>Expert Systems May 2, 2020. Ed. Jon G. Hall. Journal-article </p>	<p>2020</p>
<p>Author: Mónica Vanesa Sánchez-Sepulveda, Ricardo Torres Kompen, David Fonseca Escudero, Jordi Franquesa-Sánchez. "Methodologies of Learning Served by Virtual Reality: Case Study in Urban Interventions."</p>	<p>Applied Sciences-Basel Journal-article </p>	<p>2019</p>
<p>Author: Mónica Sanchez-Sepulveda, David Fonseca, Jordi Franquesa, Ernesto Redondo. "Virtual interactive innovations applied for digital urban transformations. Mixed approach."</p>	<p>ELSEVIER SCIENCE Journal-article</p>	<p>2018</p>

VILLEGAS, EVA THESIS: "Metodología I'M IN. Metodología de experiencia de usuario basada en el paradigma de la gamificación para la mejora de la experiencia subjetiva." https://www.THESISenred.net/handle/10803/668232#page=1		
DIRECTORS: Dr. David Fonseca, Dra. Sara Fernández		
TITLE	JOURNAL	YEAR
Author: Emiliano Labrador, Eva Villegas, David Fonseca, Sara Fernández-Guinea "Design Thinking and Gamification: User Centered Methodologies."	HCII 2019: Learning and Collaboration Technologies. Designing Learning Experiences pp 115-124 Journal-article	2019
Author: Emiliano Labrador, Eva Villegas, David Fonseca, Sara Fernández-Guinea, Fernando Moreira "Methodology I'M IN applied to workshop: Succesful educaional practice for consultants in user experience with gamification fields."	Universal Access in the Information Society Volum 18 (3), 507-521 Journal-article	2019
Author: Emiliano Labrador, Eva Villegas, David Fonseca, Ruth Contreras "Teaching teamwork in Logistics Engineering through a board game."	The international Journal of Engineering Education (IJEE) 36(1), 510-520 Journal-article	2019
Author: Villegas, Eva & Labrador, Emiliano & Fonseca, David & Fernandez-Guinea, Sara. "Validating Game Mechanics and Gamification Parameters with Card Sorting Methods."	WorldCIST (3), 392-401 Journal-article	2019
Author: Emiliano Labrador, David Fonseca, Ricardo Torres Kompen, Eva Villegas "Technology-Enhanced Learning: Good Educational Practices."	Global Implications of Emerging Technology Trends (pp. 93-114). IGI Global. Disseminator of knowledge Journal-article	2018
Author: Emiliano Labrador, Eva Villegas "Libro Blanco de la Indústria Catalana del Videojuego 2016. Capítulo: "Metodologías de usabilidad y experiencia de usuario (UX) utilizadas por empresas de videojuegos en Cataluña."	Observatori de Comunicació, Videojocs i Entreteniment (UAB, Uvic) Journal-article	2017

Author: Emiliano Labrador, Eva Villegas “Unir Gamificación y Experiencia de Usuario para mejorar la experiencia docente.”	RIED. Revista Iberoamericana de Educación a Distancia Volum 19(2), 125 Journal-article	2016
Author: Emiliano Labrador, Eva Villegas “Fun Experience Design (FED) aplicado en el aula.”	Número especial de ReVisión 72, dedicado a Aprendizaje y Videojuegos Journal-article	2014
Author: Badia, A., García, O., Labrador, E., Pifarré, M., & Villegas, E. “Experiencia de Usuario en los Serious Games para personas con necesidades de Accesibilidad.”	Buenas prácticas de accesibilidad en videojuegos, 60 Journal-article	2012

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2019

DEL CARPIO, JAVIER FERNANDO

THESIS: "Innovación en empresas de menor intensidad tecnológica ¿Contribuyen los "innovadores olvidados" a la riqueza de las economías emergentes? El caso de la industria peruana de manufactura."

<https://www.tesisenred.net/handle/10803/667291#page=1>

DIRECTOR: Dr. Francesc Miralles

TITLE	JOURNAL	YEAR
<p>Author: Del Carpio, J.F. & Miralles F. "Analysing technological innovation in low and medium-low tech Peruvian manufacturing companies."</p>	<p>Contaduría y Administración, 64(4), 2019, 1-22 Journal-article</p>	<p>2019</p>
<p>Author: Del Carpio, J. "The influence of absorptive capacity sources information and technological acquisition in the technological innovation breadth of manufacturing companies."</p>	<p>DRUID17, New York University, Stern School of Business, New York, U.S. Journal-article</p>	<p>2017</p>
<p>Author: Del Carpio Gallegos, J. F., & Miralles Torner, F. "Absorptive capacity and innovation in low-tech companies in emerging economies."</p>	<p>Journal of technology management & innovation,13(2), 3-11 Journal-article</p>	<p>2018</p>

GAO, QI		
THESIS: "Estimation of water resources on continental surfaces by multi-sensor microwave remote sensing." https://www.THESISenred.net/handle/10803/667771#page=1		
TITLE	JOURNAL	YEAR
Author: Gao, Q.; Makhoul, E.; Escorihuela, M.J.; Zribi, M.; Quintana Seguí, P.; García, P.; Roca, M. "Analysis of Retracker's Performances and Water Level Retrieval over the Ebro River Basin Using Sentinel-3."	Remote Sens. 2019, 11, 718 Journal-article	2019
Author: Garcia-Mondéjar., B. M. Val, Q. Gao, M. J. Escorihuela, P. N. García, J. Yang, J. Liao. "Measuring the lake level evolution in the QINGHAI-TIBET plateau with radar altimetres."	Dragon 3 Final Results Symposium, 4-8 July 2016, Wuhan, P.R. China Journal-article	2016
Author: Gao, Q.; Zribi, M.; Escorihuela, M.J.; Baghdadi, N. "Synergetic Use of Sentinel-1 and Sentinel-2 Data for Soil Moisture Mapping at 100 m Resolution."	Sensors 2017, 17, 1966 Journal-article	2017
Author: Gao, Q.; Zribi, M.; Escorihuela, M.J.; Baghdadi, N.; Quintana Seguí, P. "Irrigation Map-ping Using Sentinel-1 Time Series at Field Scale."	Remote Sens. 2018, 10, 1495 Journal-article	2018

FAVÀ, VICENT		
THESIS: "Efectos climáticos en la Península Ibérica del cambio de fase del índice SNAO en 1967." https://www.tesisenred.net/handle/10803/667948#page=1		
DIRECTORS: Dr. Juan José Curtò Subirats, Dra. Maria del Carmen Llasat Botija		
TITLE	JOURNAL	YEAR
Authors: V. Favà, J.J. Curto, M.C. Llasat "Changes in Summer Pressure Patterns across the Late 1960s and Their Influence on Temperature Trends on the Eastern Coast of the Iberian Peninsula."	Atmosphere Journal-article	2018
Authors: V. Favà, J.J. Curto, M.C. Llasat "Changes in summer temperatures and rainfall in the northeastern Iberian Peninsula in the late 1960s and the weakening of the Iberian thermal low."	Meteorology and Atmospheric Physics Journal-article	2018
Authors: Marsal, S., Curto, J.J., Torta, J.M., Gonsette, A., Favà, V., Rasson, J., Ibañez, M., Cid, O "An automatic DI-flux at the Livingston Island Geomagnetic Observatory, Antarctica: requirements and lessons learnt."	Geoscientific Instrumentation, Methods and Data Systems, 6, 269-277 Journal-article	2017
Authors: V. Favà, J.J. Curto, M.C. Llasat "Regional differential behaviour of maximum temperatures in the Iberian Peninsula regarding the Summer NAO in the second half of the twentieth century."	Atmospheric Research, 182, 319-334. Journal-article	2016
Authors: V. Favà, J.J. Curto, M.C. Llasat "Relationship between the summer NAO and maximum temperatures for the Iberian Peninsula."	Theoretical and Applied Climatology, 126, 77-91 Journal-article	2015

PIQUÉ, JOSEP MARIA		
THESIS: "Understanding the urban development and the evolution of the Ecosystems of Innovation." https://www.THESISenred.net/handle/10803/665076#page=1		
DIRECTORS: Dr. Francesc Miralles, Dra. Jasmina Berbegal		
TITLE	JOURNAL	YEAR
Author: Pique, J.M., Gonzalez, S., Bellavista, J. and Alves, V. "Science and Technology Parks and Universities in the Incubation System of Technology-based Companies: Contribution from the Triple Helix Model."	V Triple Helix Conference. Turin (Italy)	2018
Author: Pique, J.M., Miralles, F., Teixeira, C.S., Gaspar, J.V. and Ramos Filho, J.R.B. "Application of the Triple Helix Model in the revitalization of Cities: the case of Brazil."	International Journal of Knowledge-Based Development, In Press. Journal-article	2018
Author: Pique, J.M., Miralles, F. and Berbegal-Mirabent, J. "Areas of Innovation in Cities: The evolution of 22@Barcelona."	International Journal of Knowledge-Based Development, In Press Journal-article	2018
Author: Pique, J.M. and Gonzalez, S. "Science and Technology Parks and Universities in the Incubation System of Technology-based Companies."	XXI IASP World Conference on Science and Technology Parks. Bergamo (Italy).	2004

2018

ABONDANO, DAVID

THESIS: "De la arquitectura moderna a la arquitectura digital: La influencia de la revolución industrial y la revolución informacional en la producción y la cultura arquitectónica".

<https://www.THESISenred.net/handle/10803/664655#page=1>

DIRECTOR: Dr. Leandro Madrazo

TITLE	JOURNAL	YEAR
Author: David Abondano "Transition towards a digital architecture: new conceptions on materiality and nature."	e-Journal for the Dissemination of Doctoral Research (archiDOCT), Vol.2 (2), pp. 29-42 Journal-article	2015
Author: David Abondano "The Return of Nature as an Operative Model: Decoding Material Properties as Generative Inputs to the Form-making Process."	International Journal of Architectural Computation (IJAC), Vol. 11 (2), pp. 268-283 Journal-article	2013

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MALUK, OMAR

THESIS: "Variables y factores que explican desde de la intención hasta la acción de emprender de los graduados universitarios."

<https://www.THESISenred.net/handle/10803/666516#page=1>

DIRECTOR: Dr. Francesc Miralles

TITLE	JOURNAL	YEAR
Author: Maluk, O. "Perceptual variables as explanatory factors for the entrepreneurial attitude of university graduates: a confirmatory analysis."	Revista ESPACIOS, 39(15). Journal-article	2018
Author: Maluk, O. "Perception variables as explanatory factors for university graduates entrepreneurial action: An exploratory analysis."	Journal-article	2016

MARTIN, XAVIER

THESIS: "Arquitectura del turismo informal. El camping como modelo de ocupación temporal en el paisaje litoral de Catalunya."

<https://www.tesisenred.net/handle/10803/662813#page=1>

DIRECTOR: Dra. Anna Martínez

TITLE

Author: Xavier Martín Tost
"Architecture for informal tourism. Mild occupation of landscape through campsites."

JOURNAL

Athens Journal of Tourism
Journal-article

YEAR

2015



IANNI, MANUELA

THESIS: "Diseño basado en prestaciones en la arquitectura. Estrategias proyectuales para mejorar la eficiencia energética de los edificios."

<https://www.THESISenred.net/handle/10803/482013#page=1>

DIRECTOR: DR. Leandro Madrazo

TITLE

Author: Madrazo Leandro, Massetti Marco, Sicilia Álvaro, Wadel Gerardo.
"SEÍS: A semantic-based system for integrating building energy data."

JOURNAL

Informes de la Construcción, Vol. 67, 537
Journal-article

YEAR

2015

PEÑA, ENRIC		
<p>THESIS: "Estudio Analítico del Proyecto Final de Grado de Arquitectura Técnica y Edificación. Optimización y relación de las actividades de aprendizaje con las principales competencias profesionales demandadas por el sector y la sociedad." https://www.THESISenred.net/handle/10803/462860#page=1</p>		
<p>DIRECTORS Dr. David Fonseca, Dra. Núria Martí</p>		
TITLE	JOURNAL	YEAR
<p>Author: Enric Peña, David Fonseca, Núria Martí i José Ferrándiz "Relationship between Specific Professional Competences and Learning Activities of the Building and Construction Engineering Degree Final Project."</p>	<p>International Journal of Engineering Education Journal-article</p>	2018
<p>Author: Enric Peña, Núria Martí, David Fonseca, Marta Adroer i David Simón "Design of interactive and collaborative learning units using TICs in architectural construction education."</p>	<p>Revista de la Construcción. Vol.16 N°1 (2017) pg. 33-42 Journal-article</p>	2017
<p>Author: Enric Peña, José Ferrándiz i Abdulaziz Banawi "Evaluating the benefits of introducing BIM based on Revit in construction courses, without changing the course schedule."</p>	<p>Universal Access in the Information Society (UAIS) Journal-article</p>	2017
<p>Author: Enric Peña, Joan Sabaté; Xavier Aumedes; Enric Peña "Habitatges a Ciutat Vella. Un aire nou al Raval."</p>	<p>L'Informatiu. Col·legi d'Aparelladors, Arquitectes Tècnics i Enginyers d'Edificació de Barcelona Número: 80 Journal-article</p>	1995

VILLAR, EULA BIANCA

THESIS: "Architecting Purpose-Driven Improvisation towards Organizational Effectiveness in Extreme Environments: Case Narratives from Organizations during Typhoon Haiyan."

<https://www.THESISenred.net/handle/10803/664391#page=1>

DIRECTOR: Dr. Francesc Miralles, Dr. Raymund Habaradas

TITLE	JOURNAL	YEAR
Author: Gomez, Miguel Alberto & Villar, Eula Bianca "Fear, Uncertainty, and Dread: Cognitive Heuristics and Cyber Threats."	Politics and Governance. 6. 61. 10.17645/ pag. v6 2.1279 Journal-article	2018

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2017

COSTA, GONÇAL

THESIS: "Integration of building product data with BIM modelling: a semantic-based product catalogue and rule checking system."

<https://www.THESISenred.net/handle/10803/450865#page=1>

DIRECTOR: Dr. Leandro Madrazo

TITLE	JOURNAL	YEAR
<p>Author: Sicilia, Á.; Costa, G. "Energy-Related Data Integration Using Semantic Data Models for Energy Efficient Retrofitting Projects."</p>	<p><i>Proceedings 2017, 1, 1099</i> Journal-article</p>	2017
<p>Author: Gonçal Costa, Agustí Jardí, Jesús Valderrama "Mejoras para la automatización de procesos en la importación de modelos en IFC."</p>	<p>Spanish Journal of BIM Journal-article</p>	2016
<p>Author: Gonçal Costa, Leandro Madrazo "Connecting building component catalogues with BIM models using semantic technologies: an application for precast concrete components."</p>	<p>Automation in Construction 10.1016 Journal-article</p>	2015
<p>Author: Gonçal Costa, Agustí Jardí, Jesús Valderrama "Connecting building component catalogues with BIM models using semantic technologies: an application for precast concrete components."</p>	<p>Journal-article</p>	2015

NAVARRO, ISIDRO

THESIS: "Nuevas tecnologías de visualización para la mejora de la representación arquitectónica en educación."

<https://www.THESISenred.net/handle/10803/403374#page=1>

DIRECTORS: Dr.David Fonseca, Dr Joaquin Regot

TITLE	JOURNAL	YEAR
Author: Isidro Navarro "New visualization technologies to improve the representation of architecture in education,Nuevas tecnologías de visualización para mejorar la representación de arquitectura en la educación."	Architecture, City and Environment Journal-article	2017
Author: Isidro Navarro "Virtual reality using smart-devices in educational frameworks: Case study: Museum casa batlló."	International Journal of Technology and Human Interaction Journal-article	2017
Author: Isidro Navarro "Make world, a collaborative platform to develop computational thinking and STEAM."	Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics) Book	2017
Author: Isidro Navarro "Simulated environments in architecture education. Improving the student motivation."	Advances in Intelligent Systems and Computing Book	2017
Author: Isidro Navarro "Urban gamification in architecture education."	Advances in Intelligent Systems and Computing Book	2017
Author: Isidro Navarro "Application of ICT in the processes of design and construction of an Orthodox Church."	Revista de la Construcción Journal-article	2016
Author: Isidro Navarro "Geo-elearning for urban projects. New educational strategies using mobile devices. A case study of educational research."	Architecture, City and Environment Journal-article	2014
Author: Isidro Navarro "Mobile learning in the field of architecture and building construction. A case study analysis."	RUSC Universities and Knowledge Society Journal Journal-article	2014

<p>Author: Isidro Navarro "Relationship between student profile, tool use, participation, and academic performance with the use of Augmented Reality technology for visualized architecture models."</p>	<p>Computers in Human Behavior Journal-article</p>	2014
<p>Author: Isidro Navarro "Augmented and geo-located information in an architectural education framework."</p>	<p>Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics) Book</p>	2014
<p>Author: Isidro Navarro "Construction processes using mobile augmented reality: A study case in building engineering degree."</p>	<p>Advances in Intelligent Systems and Computing Book</p>	2013
<p>Author: Isidro Navarro "Hand-held augmented reality: Usability and academic performance assessment in educational environments. Case study of an engineering degree course."</p>	<p>Information (Japan) Journal-article</p>	2013
<p>Author: Isidro Navarro "Implementation of augmented reality in "3.0 learning" methodology: Case studies with students of architecture degree."</p>	<p>Social Media and the New Academic Environment: Pedagogical Challenges. Book</p>	2013
<p>Author: Isidro Navarro "Real-time dynamic lighting control of an AR model based on a data-glove with accelerometers and NI-DAQ."</p>	<p>Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics) Book</p>	2013
<p>Author: Isidro Navarro "Digital literacy for the teaching of architecture. A case study."</p>	<p>Arquitecturarevista Journal-article</p>	2012
<p>Author: Isidro Navarro "Mobile visualization of architectural projects: Quality and emotional evaluation based on user experience."</p>	<p>Communications in Computer and Information Science. Book</p>	2011
<p>Author: Isidro Navarro "Visual interfaces and user experience: Augmented reality for architectural education: One study case and work in progress."</p>	<p>Communications in Computer and Information Science Book</p>	2011

2016

ARNAL, MARC

THESIS: "L'art de viure. Cases per a artistes a Cadaqués. L'art concret com a generador d'arquitectura. Peter Harnden i Lanfranco Bombelli."

<https://www.THESISenred.net/handle/10803/392131#page=1>

DIRECTOR: Dra. Anna Martínez

TITLE	JOURNAL	YEAR
Author: Marc Arnal "La escultura habitable. La casa de la escultora Mary Callery en Cadaqués. Peter Harnden y Lanfranco Bombelli, 1961."	RITA-06 Journal-article	2016



NOORI, NADIA

THESIS: "Coordination Dynamics in Disaster Response Operations: A Network Based Discrete Event Analysis."

<https://www.THESISenred.net/handle/10803/396129#page=1>

DIRECTOR: Dr. Xavier Vilasís, Dra. Kristin Paetzold

TITLE	JOURNAL	YEAR
Author: Nadia Noori "Dynamics of coordination-clusters in long-term rehabilitation."	Journal of Humanitarian Logistics and Supply Chain Management Journal-article	2016
Author: Nadia Noori "Niche formation in the mashup ecosystem Technology Innovation Management Review."	Technology Innovation Management Review Journal-article	2013
Author: Nadia Noori "Going Open: Does it Mean Giving Away Control?"	Technology Innovation Management Review Journal-article	2013