

## PERSONALS DETAILS

### **Martino Peña**

Dr. Arquitecto

<https://orcid.org/0000-0001-9382-0283>

Spanish (born in Italy) 17/01/1971  
2 kids

C/Cartagena 25

30002 Murcia

Telefon: +34 661692582.

Email: [martin.pena@urjc.es](mailto:martin.pena@urjc.es)

[martinopenaf@gmail.com](mailto:martinopenaf@gmail.com)



## PROFESIONAL EXPERIENCE

- 2024-  
2021- PDI (Lecturer and Researcher) at the **Universidad Rey Juan Carlos** (URJC) in Architectural Design  
Lecturer (ON LINE) at the **PCUP** (Pontificia Universidad Católica de Perú) Lima. Faculty of Architecture  
Topic: Fundamentos de Ingeniería
- 2020 Guest research staff at **TU Berlin** by Prof. Ignacio Borrego  
granted by **DAAD** (*Deutscher Akademische Austauschdienst*)
- 2019 Guest Lecturer at the **Feng Chia University**. Taichung (TAIWAN))  
Seminar: *TTT Construction of prototyping deployable structures*
- 2018 Guest Lecturer at the **Sarvajanik College SURAT** (INDIA)  
Seminar **DEPLOYABLE DOME. making the Utopia possible**
- 2017/18/19/20 Guest Lecturer at **TU Berlin** by Prof. Ignacio Borrego. Research group: (Colab)  
Seminar: **Digital fabrication and Utopian Deployable Structures**
- 2016/17 Guest research staff at the **TU Dresden** by Prof. Jörg Joppien Research group: Principles of Design.  
Seminar: **Federgewichte der Architektur**
- 2015- Visiting lecturer at the **Universität Siegen** by Prof. Thorsten Weimar Research group *Tragkonstruktion*.  
Seminar: **Bewegliche Tragwerke. Megastrukturen und Zellen**  
<https://www.architektur.uni-siegen.de/tragkonstruktion/personen/lehrbeauftragte.html?lang=de>
- 2013-2014 Guest research staff at the **TU Berlin** by Prof. Mike Schlaich  
Research group: adaptative and transformable structures  
Seminar: **Entwurf einer Mehrzweckhalle mit Freiluftbühne und faltbarer Tribünenüberdachung**  
Project for a sport facility with a stage with a deployable cover
- 2007- Assistant professor at the **Universidad Politécnica Cartagena UPCT**.  
ETSAE. Escuela Técnica Superior de Arquitectura y Edificación  
<http://www.arquide.upct.es/profesores/>  
Teaching in English: Design Projects and Building Constructions (6 EPCT)  
Teaching in Spanish Design Projects (9 EPCT) and Final Projects (6 EPCT)  
Erasmus coordinator for Germany and Poland  
Research Group: GRAMMAR
- 2019- martinopeña arquitecto. Murcia. Spain. Head of office
- 2003- Founding **Txl**arquitectos. Murcia. Spain. Head of office
- 2001-2003 by Carlos Salgado arquitectos. S.I. Murcia. Spain. Junior Architect
- 2000-2001 by Urban Architekten, Berlin. Germany. Junior Architect
- 1999-2000 by O.M. Architekten. Braunschweig . Germany. Granted with the **Leonardo da Vinci** program

## EDUCATION

- 2016            **PhD Thesis:** "*Energetic Artefact: From Fuller to Piñero (1961-1972)*"  
Proyectos Arquitectónicos Department at ETSAM-Escuela Técnica Superior de Arquitectura Madrid. UPM.  
Supervisors: Federico Soriano Peláez, José Calvo López. Mark: *Summa Cum Laude*  
Award: "Premio extraordinario de Doctorado UPM"
- 2008-2010        **Master:** Diploma de Estudios Avanzados DEA.  
Proyectos Arquitectónicos Department at ETSAM-Escuela Técnica Superior de  
Arquitectura Madrid. Universidad Politécnica de Madrid UPM.  
Supervisors: Maria Emilia Hernández Pezzi, Carmen Martínez Arroyo,  
Rodrigo Pemjean Mark: Excellent
- 1999            **Architect** at the UPV-Universidad Politécnica de Valencia. Spain
- 1998            **Final Project:** "Research Centre for recycling sector" at TU Braunschweig, Germany  
within the Socrates-Erasmus exchange program  
Supervisors: Prof. M. Szyszkowitz and Prof. Luis de Armiño.
- 1988-1989        **High school Diplom**  
High School Graduation at North Fort Myers High School. Florida (USA)
- 1988            Maristas la Merced. Murcia

## PROFESSIONAL TRAINING AND COURSES

- 2011            "Structures for large spans. Mobility, modularity and deployability". Seminar. UPCT  
2006            "Cypecad II. A program for calculation of RC structures". Course. 16 h. COAMU  
2003            "Cypecad I. Basis course". Course. 25 h. CYPECAD

## LANGUAGES

English: High level. Fluent in reading, writing and verbal skills. C1 TRINITY COLLEGE LONDON  
German: High level. Fluent in reading, writing and verbal skills. C1 TU Berlin. Germany

Spanish: Mother Tongue

## PUBLICATIONS

- 2023 PEÑA, Martin. Katja Wirfler, Sebastián Andrés López, Henrik Reißaus, Thorsten Weimar:  
***la Vidriera Hipercúbica imaginada por Salvador Dalí y diseñada por Emilio Pérez Piñero. El prototipo digital***  
INFORMES DE LA CONSTRUCCION 75. CSIC. Madrid  
<http://dx.doi.org/10.3989/ic.6430>
- 2023 PEÑA, Martin. Katja Wirfler, Sebastián Andrés López, Henrik Reißaus, Thorsten Weimar:  
***"Hyperkubisches Glas. Schriftenreihe Tragkonstruktion. Lehre 02"***  
Universi. Universität Siegen. Germany.  
<http://dx.doi.org/10.25819/ubsi/10311>
- 2023 PEÑA FERNANDEZ SERRANO, Martin.  
***"The Wall Unit System designed by Konrad Wachsmann. Mobility of Elements"***  
VLC arquitectura. Research Journal. UPV. Valencia. Spain
- 2023 PEÑA, Martin. RODENAS, Manuel. SANCHEZ Pérez Ana.  
***"El Flatwriter de Yona Friedman: revisión, desarrollo y posibilidades en la era digital"***  
ZARCH. Journal of interdisciplinary Studies in Architecture and Urbanism. Zaragoza. Spain  
[DOI:10.26754/ojs\\_zarch/zarch.2022196935](https://doi.org/10.26754/ojs_zarch/zarch.2022196935)
- 2022 PEÑA, Martin. Katja Wirfler, Sebastián Andrés López, Henrik Reißaus, Thorsten Weimar:  
***"Digital Adaptation of the Hypercubic Glass: Translation of the design Principles by Student Seminars"***  
Architectural Graphics.SSDI. Switzerland. Springer  
[http://doi.org/10.1007/978-3-031-04703-9\\_36](http://doi.org/10.1007/978-3-031-04703-9_36)
- 2022 PEÑA, Martin. RODENAS, Manuel. SANCHEZ Pérez Ana.  
***"Flatwriter Today. Towards Friedman's Utopia Through Generative Design"***  
Architectural Graphics. SSDI.Switzerland. Springer  
[DOI: 10.1007/978-3-031-04640-7\\_29](https://doi.org/10.1007/978-3-031-04640-7_29)
- 2022 PEÑA FERNANDEZ SERRANO, Martin.  
***"Hans Scharoun and the Organic Urbanism. The Proposal for Hauptstadt Berlin Through Hugo Häring"***  
Architectural Graphics. SSDI.Switzerland. Springer  
[DOI:10.1007/978-3-031-04632-2\\_17](https://doi.org/10.1007/978-3-031-04632-2_17)
- 2021 PEÑA, Martin. RODENAS, Manuel. GARCIA, Pedro. JIMENEZ, Pedro. PEREZ, Adolfo.  
***"The influence of joint eccentricity on the foldability of four deployable structure systems"***  
International Journal of Space Structures 1–19. 2021  
[DOI:10.1177/09560599211048441](https://doi.org/10.1177/09560599211048441)
- 2021 PEÑA, Martin. Katja Wirfler, Sebastián Andrés López, Henrik Reißaus, Thorsten Weimar:  
***"Reinterpretation of Dalí's `Vidriera Hipercúbica´ designed by Pérez Piñero in 1971"***  
Engineered Transparency 2021. Ernst&Sohn GmGH. Berlin

- 2020 PEÑA, Martin. BORREGO, Ignacio. GARCIA, Pedro. Cerezuela, Antonio and others  
**Fold, Fly, Inflate: light structures and digital fabrication.** CoLab. Universitätsverlag der TU Berlin. Berlin  
<http://dx.doi.org/10.14279/depositonce-9878>
- 2020 PEÑA, Martino. WIRFLER, Katja. Thorsten, Weimar.  
**Bewegliche Tragwerke: Lehre 01.**  
Universi. Universität Siegen. Germany.  
<http://dx.doi.org/10.25819/ubsi/3871>
- 2020 PEÑA, Martin. RODENAS, Manuel. GARCIA, Pedro. JIMENEZ, Pedro. PEREZ, Adolfo.  
**Drawing Moveable Architecture: The Case of Piñero and Escrig's Deployable Structures**  
Graphical Heritage Volume 2 - Representation, Analysis, Concept and Creation. Springer. Switzerland  
<https://doi.org/10.1007/978-3-030-47983-1>
- 2020 PEÑA, Martin. Moreno, Maria Pura. Ródenas, Manuel.  
**iLIVE TOGETHER! TORRE GENERACIONAL EN EL BARRIO DE LA PAZ.** CRAI UPCT, Cartagena. Spain  
<http://hdl.handle.net/10317/7963>
- 2019 PEÑA, Martin. BORREGO, Ignacio. GARCIA, Pedro. Cerezuela, Antonio  
**Fold REfold : deployable narratives and digital fabrication.** CoLab. Universitätsverlag der TU Berlin. Berlin.  
<http://dx.doi.org/10.14279/depositonce-8226>
- 2019 PEÑA, Martin. SOLANO, Montse. GARCIA, Pedro.  
**END 3.Ensayos no destructivos.** CRAI UPCT, Cartagena. Spain  
<http://hdl.handle.net/10317/7541>
- 2019 PEÑA FDEZ-SERRANO, Martino. "Reversible Systems: A Narrative between Yona Friedman and Emilio Pérez Piñero" in  
**Fold REfold.** Universitätsverlag der TU Berlin. Berlin. p 24-31  
<http://dx.doi.org/10.14279/depositonce-8226>
- 2019 PEÑA, Martin. RODENAS, Manuel. GARCIA, Pedro. JIMENEZ, Pedro. PEREZ, Adolfo.  
**Geometric evaluations of deployable structures using parametric modeling**  
NEXUS NETWORK JOURNAL. Springer. Italy  
<https://doi.org/10.1007/s00004-019-00432-9>
- 2019 PEÑA, Martin. SOLANO, Montse. GARCIA, Pedro.  
**END.Ensayos no destructivos. Non Destructive Experiments.** CRAI UPCT, Cartagena. Spain  
<http://hdl.handle.net/10317/7768>
- 2018 PEÑA FDEZ-SERRANO, Martin. CALVO LÓPEZ, José.  
**Projecting stars, triangles and Concrete. The Early History of Geodesic Domes, from Walter Bauersfeld to Richard Buckminster Fuller.** Architectura. TU Berlin, Columbia University, pp 22-45.  
<https://doi.org/10.1515/ATC-2017-0006>
- 2018 PEÑA, Martin. RODENAS, Manuel. GARCIA, Pedro. JIMENEZ, Pedro. PEREZ, Adolfo.  
**GRAMMAR** In *Anuario 1. Colección Docencia, Innovación, Investigación.* CRAI. UPCT. Cartagena p. 178-179  
<http://hdl.handle.net/10317/7388>

- 2018 PEÑA FDEZ-SERRANO, Martin. 2018.  
***Dali´s obsession with the geometry. The monarchy of the dome***  
RITA: Revista indexada de textos de arquitectura. Madrid. Nº 10, pp 162-169.  
<http://www.redfundamentos.com/rita/es/indices/>
- 2018 PEÑA, Martin. SOLANO, Montse. GARCIA, Pedro.  
***END 2.Ensayos no destructivos***. CRAI UPCT, Cartagena. Spain  
<http://hdl.handle.net/10317/7728>
- 2018 PEÑA FERNÁNDEZ SERRANO, Martin. GARCIA, Pedro. CEREZUELA, Antonio  
***Complejidad, vivienda y paisaje*** in *Anuario 1. Colección Docencia, Innovación, Investigación*. CRAI. UPCT. Cartagena p. 96-99  
<http://hdl.handle.net/10317/7388>
- 2018 PEÑA FERNÁNDEZ SERRANO, Martin. 2018.  
***Artefactos energéticos. La energía como parámetro proyectual*** CRITICAL III. I International Conference on Architectural Design & Criticism. UPM. Madrid, pp 191-193.
- 2018 PEÑA, Martin. RODENAS, Manuel. GARCIA, Pedro. JIMENEZ, Pedro. PEREZ, Adolfo.  
***Parametric design applied to analysis and optimization of spatial deployable structures***  
NEXUS 18. Nexus Network Journal. KIM WILLIAMS BOOKS. Italy, pp 251-256  
[DOI:10.1007/s00004-019-00432-9](https://doi.org/10.1007/s00004-019-00432-9)
- 2018 PEÑA FERNÁNDEZ SERRANO, Martin. SOLANO, Montse. GARCIA, Pedro.  
***Tres veces tres en Proyectos 3*** in *Anuario 1. Colección Docencia, Innovación, Investigación*. CRAI. UPCT. Cartagena p. 42-45  
<http://hdl.handle.net/10317/7388>
- 2018 PEÑA, Martin. BORREGO, Ignacio. SOLANO, Montse. GARCIA, Pedro.  
***Fold Unfold. Deployables Structures and Digital Fabrication***. CoLab. Universitätsverlag der TU Berlin. Berlin.  
<http://dx.doi.org/10.14279/depositonce-6631>
- 2018 PEÑA FERNÁNDEZ SERRANO , Martin .  
***Artefactos Energéticos. De Fuller a Piñero (1962-1972)*** in in *Anuario 1. Colección Docencia, Innovación, Investigación*. ARCADIA/MEDIATICA. Cartagena p. 156-158  
<http://hdl.handle.net/10317/7388>
- 2018 PEÑA FDEZ-SERRANO, Martin. 2017.  
***Utopian Megastructures. Changing the scale***  
In *Fold Unfold*. Universitätsverlag der TU Berlin. Berlin. pp 30-36
- 2017 PEÑA FDEZ-SERRANO, Martin. 2017.  
***The Wachsmann Seminar. Sharing influences***  
RITA: Revista indexada de textos de arquitectura. Madrid. Nº 8, pp 84-92  
<http://www.redfundamentos.com/rita/es/indices/>

- 2017 PEÑA FDEZ-SERRANO, Martin. 2017.  
**The spatial Infrastructure by Yona Friedman. Drawing the Utopia.**  
EGA:Revista Expresion Gráfica. UPV Valencia. Nº 29, pp  
[DOI:10.4995/ega.2017.7026](https://doi.org/10.4995/ega.2017.7026)
- 2016 PEÑA FDEZ-SERRANO, Martin. 2016.  
**Energetic Artefacts. From Fuller to Piñero (1961-1972).** PhD ETSAM-UPM.  
[10.20868/UPM.thesis.40519](https://doi.org/10.20868/UPM.thesis.40519)
- 2015 PEÑA FDEZ-SERRANO, Martin. 2015.  
**The `movable Theatre´ from Emilio Pérez Piñero. A space-time journey.**  
Pioneros de la arquitectura moderna española: aprender de una Obra.  
Fundación Alejandro de la Sota. Vol 2, n 2, p. 469-479  
<https://independent.academia.edu/MartinoPe%C3%B1aFernandezSerrano>
- 2014 PEÑA FDEZ-SERRANO, Martin. 2014.  
**FULL HOUSE. A bioclimatic card game .**  
Sustainable Building: Results. . . Are we Moving as Quickly as we should It´s up to us!GBCespaña. Vol 5, p. 433-440
- 2014 PEÑA FDEZ-SERRANO, Martin. 2014.  
**The fourth dimension in the design method. Time and movement. From Cedric Price to Pérez Piñero.**  
Critical.I International Conference on Architectural Design & Criticism. Vol 2, p. 1104-1111  
<https://independent.academia.edu/MartinoPe%C3%B1aFernandezSerrano>
- 2014 PEÑA FDEZ-SERRANO, Martin. GOLDACK, Arndt. SCHLAICH, Mike.2014.  
**Around foldability in the Work of Emilio Pérez Piñero.**  
Architectural research findings: building construction, management, Technology. Vol 1, p. 267-271  
<https://independent.academia.edu/MartinoPe%C3%B1aFernandezSerrano>
- 2014 PEÑA FDEZ-SERRANO, Martin. 2014.  
**Las estructuras desplegables de Emilio Pérez Piñero.Proyecto de Innovación Docente".** XXII Congreso Universitario de Innovación Educativa en las Enseñanzas Técnicas. Vol 2, p. 102-110
- 2013 PEÑA FDEZ-SERRANO, Martin. CALVO LÓPEZ, José. 2013.  
**From the first planetarium to the conquest of the moon.**  
New proposals for transformable architecture, engineering and design. P.393-398  
<https://independent.academia.edu/MartinoPe%C3%B1aFernandezSerrano>
- 2012 PEÑA FDEZ-SERRANO, Martin. LIDON MARIN, Roberto. MARTINEZ , Jonatan. 2012.  
"Avenida de El Palmar" .AV Proyectos. Nº 51, p. 51-52
- 2006 PEÑA FDEZ-SERRANO, Martin. 2006. "Pabellón Deportivo Municipal Águilas".  
Catalogos de Arquitectura. COAMU Nº 18I, p. 138-139
- 2003 PEÑA FDEZ-SERRANO, Martin. 2006. "Centro de Investigación en Hamburg-Harbour"  
PROYECTOS FINAL DE CARRERA SOCRATES-ERASMUS 1995-2002: Alemania, Austria, Bélgica. UPV, p. 34-35

## CONTRIBUTIONS TO CONGRESSES

- 2022 PEÑA, Martin. Katja Wirfler, Sebastián Andrés López, Henrik Reißaus, Thorsten Weimar  
Title: "La Vidriera Hipercúbica; imaginada por Dalí proyectada por Pérez Piñero. La fabricación digital de un modelo".  
International Congress: XIX CONGRESO INTERNACIONAL DE EXPRESIÓN GRÁFICA EGA. Cartagena. Spain.
- 2021 PEÑA FERNANDEZ SERRANO, MARTIN  
Title: "El Paradigma Digital y las Estructuras Desplegables"  
Pontificia Universidad Católica de Perú. PCUP. Lima
- 2020 PEÑA, Martin. Katja Wirfler, Sebastián Andrés López, Henrik Reißaus, Thorsten Weimar  
Title: "First Realization of the "Hypercubic glass". Following the instruction manual for a system of articulated glass planes designed by the Spanish architect Emilio Pérez Piñero in 1972".  
International Congress: GLASSTEC 20. Engineered Transparency. Düsseldorf
- 2020 PEÑA, Martin. RODENAS, Manuel. GARCIA, Pedro. JIMENEZ, Pedro. PEREZ, Adolfo.  
El dibujo de arquitecturas en movimiento: el caso de las estructuras desplegadas de Piñero y Escrig  
International Congress: XVIII CONGRESO INTERNACIONAL DE EXPRESIÓN GRÁFICA. EGA. Zaragoza. Spain.
- 2020 PEÑA FERNANDEZ SERRANO, Martin.  
Title: "LA VIDRIERA HIPERCÚBICA: TRANSFERENCIAS ENTRE ARQUITECTURA Y INDUSTRIA"  
International Congress: XII Congreso Internacional Historia de la Arquitectura Moderna Española  
Congreso UNAV 2020. Navarra
- 2019 PEÑA, Martin. RODENAS, Manuel. GARCIA, Pedro. JIMENEZ, Pedro. PEREZ, Adolfo.  
Title: Geometry and Efficiency in the Joints of Deployable Structures  
International Congress: GEOMETRIAS 19: POLYHEDRA AND BEYOND. Porto. Portugal
- 2018 PEÑA, Martin. RODENAS, Manuel. GARCIA, Pedro. JIMENEZ, Pedro. PEREZ, Adolfo.  
Title: Parametric Design Applied to Analysis and Optimization of Spatial Deployable Structures  
International Congress: NEXUS 2018: Architecture and Mathematic. Pisa. Italy
- 2018 Title: "The Artefacts of Pérez Piñero. Methodology and Analysis of the Work".  
International Congress: II Congreso Iberoamericano redfundamentos. Madrid.



- 2018 Title: "Artefactos energéticos. La energía como parametro proyectual"  
International Congress: Criticall.II International Conference on Architectural Design & Criticism. Madrid
- 2018 Title: "*From mechanical to digital paradigm. Empirical Methodology*"  
International Congress: EURAU 2018 Architectur's capacity to challenge and extend the limits of other disciplines. Alicante. Spain
- 2017 Title: "*Tragwerk Raum Architektur*"  
Lecture: Fachhochschule Potsdam. University of Applied Sciences. Potsdam
- 2017 Title Artefactos Energeticos. de Fuller a Piñero (1961-1972)  
International Congress: I CONGRESO INTERNACIONAL DE DOCTORADOS EN ARQUITECTURA. Sevilla. Spain
- 2017 Title: "*Cuentatutesis*"  
Nationaler Kongress. Ciclo de conferencias Tesis Doctorales. COAMU. Murcia. Spain
- 2015 Title: "*El Teatro ambulante de Emilio Pérez Piñero*".  
National Congress: II congreso nacional de arquitectura. Pioneros de la arquitectura moderna española: aprender de una obra. Madrid
- 2014 Title: Poster International Congress: WSBC14: World Sustainable Building Conference Barcelona 2014
- 2014 Title: "*Las estructuras desplegadas de Emilio Pérez Piñero. Proyecto de innovación Docente*"  
National Congress: XXII Congreso Universitario de innovación educativa en las enseñanzas técnicas. Almadén
- 2014 Title: "*Las estructuras desplegadas de Emilio Pérez Piñero*"  
International Congress: CONSTEC2014 I Congreso Internacional sobre Investigación en Construcción y Tecnología Arquitectónico: ETSAM . MADRID
- 2013 Title: "*From Bauersfeld to Piñero*"  
International Congress: Transformables2013. In the honor of Emilio Perez Piñero. ETSAS Sevilla

## RESEARCH PROJECTS

- 2022 Title: **HYPERKUBISCHES GLAS**  
Financial entities: Universität Siegen  
Duration: 2 years  
Abstract: realisation of a prototype of the **Hypercubic Glass** which is finally exhibited at the Glasstec 22 in Düsseldorf.
- 2020 Title: **PARAMETRIC DESIGN**  
Financial entities: Universidad Politécnica de Cartagena. Spain  
Duration: 6 Months  
Abstract: Program SPIN OFF 20. Helping to begin a spin off around deployable structures and its applications. Marketing research to identify potential consumers and companies
- 2017 Title: **PARAMETRIC DESIGN** applied to analysis and optimization of spatial deployable structures  
Financial entities: Universidad Politécnica de cartagena UPCT  
Duration: 2 years  
Abstract: Parametric design applied to analysis and optimization of spatial deployables structures. Recently, the algorithm-aided design has been applied to study and to develop this type of structures adapting them to more complex geometries.
- 2008 Title: **FULL HOUSE**. A bioclimatic card game.  
Financial entities: Fundación Séneca, COAMU (Colegio Oficial de Arquitectos de Murcia)  
Duration: 4 months  
Abstract: The card game called Full House tries to teach and explain the methods, strategies, materials and process to be use in order to design according to the bioclimatic Architecture.

## INTELECTUAL PROPERTIES

- 2009 Title: **Full House**. Cartas bioclimáticas  
Number: 08/2009/319 Spain  
Scientific Work  
Authors: Martin Peña Fdez-Serrano, Maren Kläschen, Annette Joppien, Ann Kathrin Broszio

## AWARDS AND COMPETITIONS

2022	<b>Competition:</b> <i>Stand FECONS Region de Murcia</i> Deployable stand for exhibition. Murcia. Spain.	<b>1 ° Prize</b>
2022	<b>Competition:</b> Rehabilitation of the Casa Consistorial building in Abaran Abarán. Murcia	<b>Finalist</b>
2021	<b>Competition:</b> <i>"Parque Huerto Fayren – Parque Paríso"</i> Town planning. Molina de Segura "Murcia Spain	<b>1 ° Prize</b>
2019	<b>Competition:</b> School for Gastronomy, Tourism and Catering of Region of Murcia. Murcia.Spain.	<b>1 ° Prize</b>
2018	<b>Competition:</b> Town planning. Cartagena Spain <i>I SPECIFIC CALL TO SOLVE CHALLENGES UPCT-RETOS AECAB</i> Cabezo Beaza	<b>1 ° Prize</b>
2017	<b>Award.</b> "Premio extraordinario de Doctorado 2015/2016 UPM" Universidad Politécnica de Madrid. UPM	
2012	<b>Competition.</b> Town planning. Murcia Spain <i>"Ordenación y diseño de la Avenida de el Palmar. Murcia".</i>	<b>4º Prize</b>
2009	<b>Award.</b> URBINCASA. UPCT. Cartagena Spain <b>"FULL HOUSE.</b> A bioclimatic card game"	
2008	<b>Award.</b> CREA. Murcia. Spain <b>"FULL HOUSE.</b> A bioclimatic card game" Trabajos de Educación Ambiental del CREA (Centro de Recursos de Educación Ambiental)	
2008	<b>Competition.</b> Town planning. Fortuna. Spain <i>"Reforma de la Avenida Salvador Allende. Fortuna".</i>	<b>1 ° Prize</b>
2007	<b>Competition.</b> Social housing. Murcia, Spain <i>"23 Viviendas de VPO en San José de la Vega Murcia".</i>	<b>1 ° Prize</b>
2007	<b>Competition.</b> Social housing. Murcia, Spain <i>"11 Viviendas de VPO en San José de la Vega Murcia".</i>	<b>1 ° Prize</b>
2005	<b>Award.</b> XIII Premios de Arquitectura Región de Murcia. Murcia Kantine. Mercumurcia	
2004	<b>Competition.</b> Sport facilities. Aguilas, Spain <i>"Nuevo Pabellón Deportivo Municipal. Aguilas"</i>	<b>1 ° Prize</b>
2003	<b>Competition.</b> Social housing. Murcia, Spain <i>"15 Viviendas de VPO en La Ñora".</i>	<b>1 ° Prize</b>

## EXHIBITIONS

- 2023        **"Parque principe de Asturias"**. COAMU. Spain. Murcia.  
Exhibition of the projects of the competition
- 2022        **"Hypercubic Deployable Glass"**  
Exhibited at GLASSTEC 22.Bauten und Projekte. Dusseldorf. Germany
- 2019        **Estructuras desplegables**  
Exhibitions of the result obtained in the research project **PARAMETRIC DESIGN**. Cartagena . España
- 2019        **"Bewegliche Tragwerke"**.  
Exhibition of the Projects and Models realized during the Workshop. Universität Siegen. Germany
- 2017        **"Concéntrico 03 "**. FCAR . Logroño. Spain  
Exhibition of the winnings projects of the competition
- 2012        **"Avenida del Palmar"**. COAMU . Murcia. Spain  
Exhibition of the winnings projects of the competition
- 2009        **"Experiencia y Futuros"**. CSCAE. Valencia. Spain  
Exhibition at the National Congress of CSCAE
- 2007        **"Viviendas protegidas , un compromiso de las administraciones públicas"**. Murcia  
Exhibition on the social housing. City of Murcia. Spain
- 2006        **"Brant Ausstellung"**.  
Brant Exhibition. TU Braunschweig. Wolfsburg. Germany

## SUPERVISING , MENTORING ACTIVITIES

- 2016/2019    **Research Tutor** at the Exchange program with the **VNSG** University of Architecture (India)  
Research title: Utopian Infrastructures  
Number of students: 6
- 2011/16      **Erasmus coordinator** at the UPCT income/outcome students from:  
Germany: Hochschule of Bremen  
Poland: Bialystok Technical University, Politechnika Czestochwska, Gdansk University  
Czech Republic: Czech Technical University of Prague
- 2020/23      **Supervising Final Projects TFG**  
Radical Architecture: parameters and artefacts  
Number of students: 21
- 2014/15      **Supervising Final Projects** at the ETSAE  
Number of students: 2
- 2013/14      **Supervising Final Projects** at the ETSAE  
Number of students: 4

## SELECTED ARCHITECTURAL PROJECTS

2022	<b>Foldable Polyhedron.</b> Competition. "Stand FECONS Region de Murcia". CARM. Murcia Design project, execution project, project management.	<b>1 st Prize</b>
2021	<b>Park Paraíso-Fayren.</b> Competition. Molina de Segura. Murcia. "Proyecto de Rehabilitación del Parque Paraíso-Fayren". Design project, execution project, project management.	<b>1 st Prize</b>
2020	<b>School for Gastronomy, Tourism and Catering of Region of Murcia</b> · Competition. Murcia. Spain. Design project, execution project	<b>1 st Prize</b>
2019	<b>Cabezo Beaza.</b> Cartagena. Murcia. Competition. "Landscape Recovery in Cabezo Beaza" Murcia. Design project, execution project.	<b>1 st Prize</b>
2016	<b>Photo Studio.</b> Weissenburg. Bayern.Germany. Design project, execution project.	
2012	<b>Town planning.</b> Murcia, Spain. Competition. "Ordenación y diseño de la Avenida de el Palmar. Murcia" Design project	<b>4 th Prize</b>
2011	<b>Sport facilities.</b> Aguilas, Spain. Competition 2004. "Nuevo Pabellón Deportivo Municipal. Aguilas". Design project, execution project, project management	<b>1 st Prize</b>
2010	<b>Social housing.</b> 23 housing units. Murcia, Spain. Competition 2007. "23 Viviendas de VPO en San José de la Vega Murcia". Design project, execution project, project management	<b>1 st Prize</b>
2010	<b>Clothing boutique.Tally Weijl store.</b> Murcia, Spain. "Adecuacion de local comercial para tienda de ropa deportiva". Design project, execution project	
2009	<b>Town planning.</b> Fortuna, Spain. Competition 2008. "Reforma de la Avenida Salvador Allende. Fortuna". Design project, execution project	<b>1 st Prize</b>
2008	<b>Social housing.</b> 11 housing units. Murcia, Spain. Competition 2007. "11 Viviendas de VPO en San José de la Vega. Murcia". Design project, execution project	<b>1 st Prize</b>
2007	<b>Detached single family home.</b> Cañada Rosal. Sevilla, Spain. "Vivienda unifamiliar entremedianeras". Design project, execution project	
2007	<b>Renovation of a Church.</b> Cañada Rosal. Sevilla, Spain. "Reforma de la Iglesia de Cañada Rosal". Design project, execution project	
2005	<b>Social housing.</b> 15 housing units. Murcia,Spain. Competition 2003. 1 st Prize "15 Viviendas de VPO en La Ñora". Design project, execution project, project management	
2005	<b>Residential towers, offices and shopping area.</b> Oran. Algeria. "le Centre Oran de Mer". Oran. Design project, execution project	

- 2004 **Industrial development.** Warehouse and office in Bremen. Germany  
*"Lagerhalle und Umbau. Bremen"*. Design project, execution project
- 2004 **Tourism and residential development.** 31 housing units. Villamartin. Spain.  
*"31 viviendas unifamiliares adosadas. R-1A. Sector PAU-8. Villamartin"*. Design , execution , management project.
- 2003 **Cafeteria. Market.** Hall. Murcia. Spain  
*"Adecuación de módulo en la lonja de mercado de frutas. Mercamurcia"*. Design project, execution and management p.
- 2003 **Offices and shopping area.** Villamartin. Spain.  
*"Edificio para locales comerciales y sotano"*. Design project, execution project, project management
- 2003 **Tourism and residential development.** 5 housing units. Alicante. Spain  
*"Cinco viviendas, locales comerciales y garajes"*  
Design project, execution project, project management
- 2003 **Renovation of a detached single family home.** Zurich. Switzerland.  
*"Umbau eines Wohn-und Bürohauses in Zürich"*. Design project, execution project