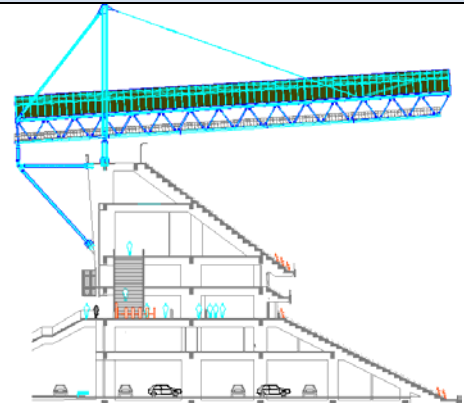


Name:	JESUS ORTIZ HERRERA	
Position:	PhD. MS Civil Engineer	
Nationality:	Spanish	
Contact information:	jortiz@ciccp.es	
Countries of Work Experience:	Spain, Algeria, Brazil, Chile, Croatia, Mexico	
Language skills:	Spanish, english, french	
Educational and other Qualifications:	PhD. MS Civil Engineer, UPM. European Engineer Title (FEANI). Full Professor of Building Structures at UPM Former Prof. Structures and Steel Bridges (UPV).	
Summary of experience:		
<p>Jesús has 41 years experience in the design and delivery of bridge and structures projects. The projects he has carried out in his professional work in the field of his specialty are in the hundreds.</p> <p>Jesús Ortiz is Director of Steel and Composite Structures within SIEGRIST & MORENO with a portfolio of landmark and major bridges and outstanding structures. He has particular experience in the design of large steel, composite and concrete structures in a variety of forms. Through this work he has gained a national reputation for delivering steel and composite structures of the highest quality, which has been awarded with several prizes and medals.</p> <p>Jesús has led many important structures project and construction, cooperating with many world known engineers and architects, as part of multidisciplinary teams he managed to drive successfully.</p>		
Relevant Experience (From most recent):		
Period: From -To	Name of activity/ Project/ Country:	Job Title and Activities undertaken/Description of actual role performed:
2014	Structural Project of Railway Station in Mexico (in course)	General and Seismic Structural Design
2014	Project of large Composite Bridge in México (in course)	Superstructure Design and Erection Procedure
2013	Project of New Drava Truss Bridge in Croatia	General and Seismic Structural Design
2013	Structural Project of Stadium Roof in Algérie	General and Seismic Structural Design
2013	Off Shore Met Mast in North Sea	General and Fatigue Structural Assesment
2013	Project of a Port Floating Structure in Brazil	Steel Structural Design
References no.1	Polytechnic University of Madrid (ETS of Architecture): Building Structures Dpt. Avda. Juan de Herrera, 4, 28040 Madrid (Spain) estructuras.arquitectura@upm.es, (34) 913366516 (tlph) (34) 913366567 (fax)	
References no.2	SIEGRIST Y MORENO, S.L. C/ Segre, 20, esc.izq.1ºE 28002 Madrid (Spain) sym@symsl.com, (34) 915649434/915639109 (tlph) (34) 915647183 (fax)	
<p>He has additionally published ten books and more than thirty articles in specialized structure journals, and successfully directed several doctoral theses as part of his research career. Moreover, he has patented a connector system for composite beams.</p> <p>J. Ortiz has been a member of the 'International Association for Bridge and Structural Engineering' (IABSE), member of the 'Spanish Technical Association of Structural Concrete' (ACHE), member of national Euronorm-2002 committee, and a member of technical committee, amongst others.</p>		

RELEVANT PROJECTS:

Structural Project of Stadium Roof in Algérie [2014].

Client: FCC



Project of a Port Floating Structure in Brazil [2013].

Client: FCC



High-speed Rail Steel-and-concrete Composite Continuous Box Bridge, in Albacete, 'Plataforma AVE Madrid-Levante', in collaboration with the engineer J. Mnez. Calzón [2010].

The skewed crossing over highway A-31, in close proximity to Albacete, is a 312 m long bridge that incorporates 2 dual high speed railways. The viaduct comprises 6 spans which vary in length from 76 m at the centre to 40 m at the ends. Jesús Ortiz was the director of the project, being responsible for the design of the entire structure for the contractor.

Client: VIAS y CONSTRUCCIONES for ADIF



'Los Tramposos'. Steel Arches and Composite Box Girders: 1130 m long, continuous Railway Bridge, in Valladolid [2009]

Client: FCC for the Ministry of Public Works and Transport (Spain)



Launched Composite Box Highway Bridge

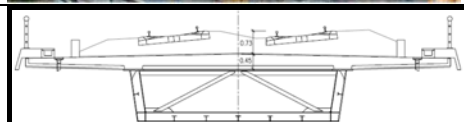
Located at the Guadalfeo-La Gorgoracha section in Granada, in the GR-14 highway. [2009]

Client: ACCIONA, for the Ministry of Public Works and Transport (Spain)



Structural Assessment Analysis of the Railway Intersection Bridge in the Railway junction of Mollet (Barcelona), 'ramal Castellbisbal - Papiol - Mollet - Sant Fost' [2009]

Client: FCC for ADIF



Structural Assessment Analysis of the Composite Arch Bridge over the Fuensanta reservoir (Murcia), designed by the engineer Santiago P. Fadón (Tech. Director of Ferrovial) [\[2006\]](#)

Client: Ferrovial for the **Government of Murcia**



Cable Stayed Roadway Bridge + Steel Archs and Cable Stayed Pedestrian Bridge + Steel Arch: Structural Assessment Analysis of the 'General Hospital' Bridge and the 'Jorge Manrique' Bridge (Murcia), by the architect S. Calatrava [\[1996\]](#)

Client: CORSAN for **Murcia Council**



Composite Box Girders: 2 Continuous Highway Bridges, 596 and 460 m long, in the 'Baix Llobregat' motorway (Barcelona) [\[1995\]](#)

Client: FCC for the **Ministry of Public Works and Transport (Spain)**



Curved and Skewed Continuous Composite Box Bridge over the A9 Highway (Barcelona) [\[1998\]](#)

Client: FCC



Structural Assessment Analysis of the Composite Arch Bridge, over the Ricobayo reservoir (Zamora), by the engineer Santiago P. Fadón, (Tech. Director of Ferrovial) [\[1993\]](#)

Client: Ferrovial for the **Ministry of Public Works and Transport (Spain)**



Steel and Steel-and-Concrete Composite Arch of the Highway Bridge 'La Castellana' (Galicia) [\[1991\]](#)

Client: Ferrovial



Steel and Composite Steel-and-concrete Arch Bridge of the Highway between Ojén and Monda (Málaga) [\[1991\]](#)




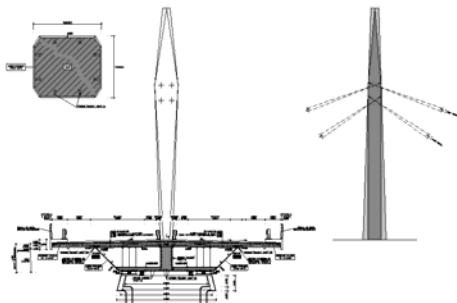
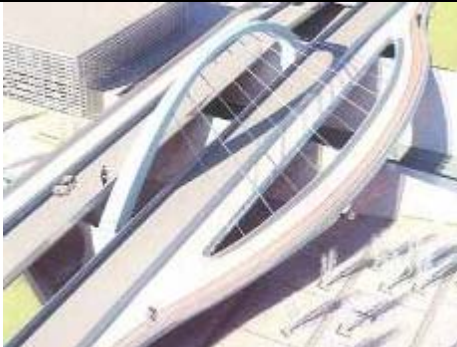

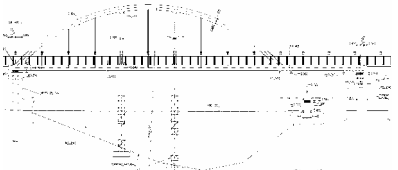
Client: Peninsular de Contratas



4 Continuous Composite Box Grids: Bridges #1, 2-3, 4 y 5 between Esporles and Génova (Mallorca) [\[1989\]](#)

Client: AGROMAN



	
<p>Launched Bridge over the Ciérvana river, in collaboration with the engineer J. Mnez. Calzón [1978]</p> <p>Client: Fabrimetal</p>	
<p>Extremely Curved Composite Box Girder Bridges in the Jarama Shopping Mall, awarded the <i>Sercometal</i> award, in collaboration with the engineer J. Mnez. Calzón [1977]</p> <p>Client: Jarama Shopping Mall</p>	
<p>Preliminary Project of Cable Stayed Highway Bridge over the Giribaile reservoir [1994]</p> <p>Client: Peninsular de Contratas</p>	
<p>Rivas Vaciamadrid Landmark over Metro Line</p> <p>The Landmark Bridge over the underground has different decks for both drivers and pedestrians. At one side a cable-stayed winding footbridge flies over the park serving as landscape point. The main span is 80 meters long, and so is the out of plane arch, from which the deck hangs.</p> <p>Client: Rivas Council</p>	
<p>Cable-stayed Pedestrian Bridge and Landscape Viewpoint, in Blanca (Murcia) [2001], by the architects AdHoc.</p> <p>Client: Blanca council</p>	
<p>Roadway and Pedestrian Bridges in Arroyomolinos (Madrid) [2002]</p> <p>Client: Government of Madrid (Spain)</p>	

Architects A.Cruz and A.Ortiz:

Structural and foundation project of the Railway station 'Santa Justa' (Sevilla) [1989]

Client: EPTISA



Architect S. Pérez Arroyo:

Structural project of the Tower in the Reyes Católicos Avenue (Madrid) [1991]

Client: S.Pérez Arroyo



Architect S. Calatrava:

Project of the Steel structure of the Roof and piers of the Opera Theatre in Valencia [2000]

**Main cantilever of 110 meters
Wind aero-elastic test in Davenport Laboratory (Canada)**

Client: DRAGADOS.

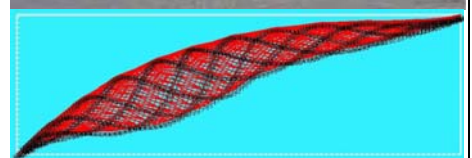


Architect Toyo Ito (2013 PRITZKER AWARD):

**Structural an foundations project of the Fira Towers:
Hotel and Office Building [2006] (Barcelona)**

Client: FCC

"Parque de relajación" in Torreveija, (Spain) [2007]



Architect Jean Nouvel (2008 PRITZKER AWARD):

Structure an foundations project of the Life Marina, Ibiza [2007]

Client: GPO



Architect Peter Eisenman:

Foundation structure project of the Library Building of the 'Ciudad de la Cultura' (Santiago de Compostela) [2003]

Client: Euroestudios



Architect J. L. Mateo:

Foundation structure project of the "Centre de Convencions" (Barcelona) [2001]

Client: FCC



Architect Kevin Roche:

Structural and foundation project of the Santander Bank Building in Boadilla (Madrid) [2002]

Client: DRAGADOS



Architects Valode et Pistre:

Structural and foundations project of the 'Oficinas Cristalía', (Madrid) [2002]



Architects Lamela:

Telefónica Complex in Madrid

Winning International Tender Design for Architect Lamela [1999].

J. Ortiz was the structural advisor for the architects.

The figure shows the model projected for the contest.



Architects Rogers and Lamela:

Madrid-Barajas Airport

Detailed Structure Project for Architects Rogers-Lamela [2000] and consultant during the construction (property). The work was made in a multidisciplinary team involved in the new terminal building for the new airport of Barajas (Madrid).

Client: Rogers-Lamela (Project) – AENA (construction)



Architect R. Bofill:

Project of the Steel structure (roof, columns and façade) of the new airport building of Barcelona [2005]

Client: FCC

