

# JOSE LUIS CASABAN

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## EDUCATION

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- 2010 – Present      **Texas A&M University, College Station, TX**  
PhD candidate, Nautical Archaeology Program  
Dissertation: “The *Twelve Apostles*: Design, Outfitting, and History of Late Sixteenth-Century Spanish Galleons.”  
Advisor: Dr. C. Pulak
- 2000                      **School of Archaeological Studies, University of Leicester (UK)**  
MA Post-Excavation Skills  
Thesis: “GIS applications within commercial Archaeology: the case-study of Warren Farm (Lockington, Leicestershire).”  
Advisor: Dr. M. Gillings
- 1998                      **University of Valencia (Spain)**  
BA Geography and History; specialty Prehistory and Archaeology  
**University of Pisa (Italy)**  
Study Abroad: 1997-1998 (6 months).

## PUBLICATIONS

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### Peer Reviewed Journal Articles

Miñano, A., Fernández, F. and **Casabán, J.L.** (2012). Métodos de documentación arqueológica aplicados en arqueología subacuática: el modelo fotogramétrico y el fotomosaico del pecio fenicio Mazarrón-2 (Puerto de Mazarrón, Murcia), *SAGVNTVM. Papeles del Laboratorio de Arqueología de Valencia* 42: 99-109.

### Papers in Refereed Conference Proceedings

Saez, M., Saez, A., Pidal, S., Bernabeu, P., **Casabán, J.L.** (2015), *Intervención arqueológica en la Cuenca del río Serpis (Beniarjo-Rafelcofer, Valencia)*, in Alapont, LL., Martí, L., and Tendero, F. (eds.), *Actes de les I Jornades d'Arqueologia de la Comunitat Valenciana. Intervencions sobre el patrimoni cultural: activitat arqueològica, valorització i difusió*. Valencia, España. Valencia, 14, 15, 16 Desembre, 2012. págs. 45-59.

**Casabán, J.L.** (2014), The reconstruction of a 17<sup>th</sup>-century Spanish galleon, in Dagneau, C. and Gauvin, K. (eds.), *ACUA Underwater Archaeology Proceedings 2014 (January 8-12 2014)*. 267-275. Quebec, Canada.

**Casabán, J.L.** (2014), The outfitting and sailing of early sixteenth-century vessels in the Pacific: The Loaysa and Saavedra expeditions (1525-1536), in Van Tilburg, H., Tripathi, S., Walker Vadillo, V., Fahy, B., and Kimura, J. (eds.), *Proceedings of the 2014 Asia-Pacific Regional Conference on Underwater Heritage (May 12-16 2014)*, Hawaii, HI.  
(<http://www.themua.org/collections/items/show/1601>)

**Casabán, J.L.**, San Claudio, M., Castro F., González, R. , Domínguez, M. (2014), *El Pecio de Punta Restelos. Un buque de la Armada de 1596*, Actas del I Congreso de Arqueología Náutica y Subacuática Española, Cartagena, 14, 15 y 16 de marzo de 2013/ coord.. por Francisco Xavier Nieto Prieto, Manuel Bethencourt Núñez, Vol. 1, págs. 189-196.

**Casabán, J.L.**, Castro F., San Claudio, M. (2014), *Formulas de arqueamiento y construcción naval Ibérica a principios del siglo XVII*, in Nieto, X., Ramírez, A., and Recio, P. (eds.), Actas del I Congreso de Arqueología Náutica y Subacuática Española, Cartagena, 14, 15 y 16 de marzo de 2013/ coord.. por Francisco Xavier Nieto Prieto, Manuel Bethencourt Núñez, Vol. 1, págs. 441-446.

San Claudio, M., Gonzalez, R., **Casabán, J.L.**, Castro F., Domínguez, M. (2014), *El pecio de Ribadeo, un excepcionalmente bien conservado pecio español del siglo XVI*, Actas del I Congreso de Arqueología Náutica y Subacuática Española, Cartagena, 14, 15 y 16 de marzo de 2013/ coord.. por Francisco Xavier Nieto Prieto, Manuel Bethencourt Núñez, Vol. 1, págs. 169-178.

San Claudio, Gonzalez, R., **Casabán, J.L.**, M., Castro F. (2014), *La gestión del patrimonio cultural sumergido en Galicia, el caso del SS Great Liverpool*, Actas del I Congreso de Arqueología Náutica y Subacuática Española, Cartagena, 14, 15 y 16 de marzo de 2013/ coord.. por Francisco Xavier Nieto Prieto, Manuel Bethencourt Núñez, Vol. 2, págs. 81-90.

**Casabán, J.L.**, Saez, M., Saez, A., Pidal, S., and Bernabeu, P. (2013) Un alfar romano en la Partida de Pardines, Beniarjo (Valencia), in Alapont, LL. and Marti, J. (eds.), *III Jornades d'Arqueologia de Valencia i Castello (10-12 Decembre 2010)*. Págs.. 65-77. Valencia

### **Book reviews**

**Casabán, J.L.** (accepted), *Lost Beneath the Ice. The Story of HMS Investigator*, by Andrew Cohen. Toronto, ON: Dundurn, [www.dundurn.com](http://www.dundurn.com), 2013. 151 pp., illustrations, maps. CDN \$29.99, UK £20.99, cloth; ISBN 978-1-45971-949-1, in *The Northern Mariner/Le marine du Nord*.

**Casabán, J.L.** (2014), *Oceans Odyssey: the deep-sea Tortugas shipwreck, Straits of Florida: a merchant vessel from Spain's 1622 Tierra Firme Fleet*, by G. Stemm and S.A. Kingsley (eds.). Oxford, Uk: Oxbow Books, 2013, in *Nautical Research Journal* 59:2, Summer 2014. (<http://www.thenrg.org/oceans-odyssey-3.php>)

### **Non-Peer Reviewed Journal Articles**

**Casabán, J.L.**, San Claudio, M., Castro F., González, R. (2013). The Finisterre Project, *The INA Quarterly* 40.1: 15-21.

**Casabán, J.L.**, San Claudio, M., Castro F., (2012). The Finisterre Project, *The INA Quarterly* 39:3-4: 21.

Polzer, M. and **Casaban, J.L.** (2012). Photogrammetry: A Legacy of Innovation Reaching Back to Yassiada, *The INA Quarterly* 39.1: 13-17.

**Casabán, J.L.**, San Claudio, M., Castro F. (2012) The Finisterre Project: Shipwrecks from the Death's Coast, *CMAC News and Reports* 3.2: 15-16.

## CONFERENCE PRESENTATIONS

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**Casabán, J.L.** (2015), *The Twelve Apostles: Reconstruction, Outfitting, and History of Late Sixteenth-century Spanish Galleons*. Paper presented at AHA 2015 – History and the Other Disciplines, New York (January 2-5 2015), USA.

**Casabán, J.L.** (2014), *Potential and limits of non-intrusive hull analysis in deep-water archaeology: The Sinop G and Ereğli B*. Paper presented at the Symposium on the E/V Nautilus and STS Bodrum Expeditions to Turkey, 2008-2013. Archaeological Oceanography in the Mediterranean and Black Sea, Bodrum (October 19-20 2014), Turkey.

**Casabán, J.L.** (2014), *The Twelve Apostles: Reconstruction, Outfitting, and History of Late Sixteenth-century Spanish Galleons*. Paper presented at IKUWA V – Heritage for Humanity, Cartagena (October 15-18 2014), Spain.

Castro, F., Radic Rossi, I, **Casabán, J.L.**, Yamafune, K., Govorcin, S., Cvrljak, M. (2014), *Mapping the Gnalic Shipwreck*. Paper presented at SHA 2014 – Questions that count: A critical evaluation of historical archaeology in the 21<sup>st</sup> Century (January 8-12 2014). Quebec, Canada.

**Casabán, J.L.** (2012, October), *Spanish seafarers and ships' design in the early 17th century: Tome Cano's "Arte para fabricar y aparejar naos"*. Paper presented at the XVI International Reunion for the History of Nautical Science, Bremerhaven, Germany.

## POSTERS

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**Casabán, J.L.**, Yamafune, K., Radic-Rossi, I., and Castro, F. (2014, May), *Underwater Photogrammetry Applications: The Gnalic Shipwreck* Poster presented at the IKUWA V Conference, Cartagena, Spain.

## RESEARCH PROJECTS

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- 2015-present    Position: Nautical Archaeologist/Researcher  
Project: AdriaS (Archaeology of Adriatic Shipbuilding and Seafaring)  
Organization: University of Zadar (Croatia).
- Interdisciplinary study and interpretation of the archaeological and historical record of shipbuilding and seafaring in the Eastern Adriatic.
- 2014-present    Position: Co-Director/Principal Investigator (P.I.)  
(1 week)        Project: Sudjuradj Survey Project (Croatia).  
Organization: CMAC – University of Zadar (Croatia)
- Underwater survey and excavation of a 16<sup>th</sup>-century shipwreck
  - Photogrammetric mapping
  - Rigging elements analysis

- 2014-present Position: Principal investigator (P.I.)  
Project: The *Twelve Apostles* (Spain). 16<sup>th</sup> century Spanish galleons.
- Archival Research at the General Archive of Simancas (Valladolid, Spain), Naval Museum Archive (Madrid, Spain), General Archive of Indies (Seville, Madrid).
  - Ship reconstruction and analysis.
- 2011-present Position: Nautical archaeologist/Researcher  
*Nuestra Señora del Juncal* (1631)  
Organization: NAP-INAH
- Design analysis and 3D Reconstruction of the Spanish galleon *Nuestra Señora del Juncal* (1631)
- 2011-present Position: Co-director/Principal Investigator (P.I)  
Finisterre Project. Padilla's fleet shipwrecks (1596), Spain  
INA – Archeonauta S.L.
- Archival Research
  - Underwater Survey
  - Dendrochronological Analysis
  - Lead Isotopic Analysis Archaeological and historical research of the 16<sup>th</sup> century shipwrecks located in the Finisterre area (Galicia, Spain).

## **GRANTS/AWARDS/FELLOWSHIPS**

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- Spring 2015 Center for Maritime Archaeology and Conservation/Department of Anthropology Research Funds (Texas A&M University): The *Twelve Apostles* Project.
- Fall 2014 Department of Anthropology Travel Award (Texas A&M University): IKUWA V Conference (Cartagena, Spain)
- Spring 2104 Center for Maritime Archaeology and Conservation 2014 Research and Travel Fund (Texas A&M University)s: Sudjuradj Project (Croatia).
- Spring 2014 Institute of Nautical Archaeology Grant: the *Twelve Apostles* Project.
- Spring 2014 Vision 2020 Dissertation Enhancement Award (College of Liberal Arts, Texas A&M University)
- Fall 2013 Graduate Student Council Travel Award (Texas A&M University): SHA 2014 Conference (Quebec, Canada).

- Spring 2013 Department of Anthropology Travel Award (Texas A&M University): *I Congreso de Arqueología Náutica y Subacuática Española* (Cartagena, Spain).
- Fall 2012 Institute of Nautical Archaeology Grant: Finisterre Project.
- Fall 2011 Institute of Nautical Archaeology Grant: Finisterre Project.
- Spring 2011 Peter Amaral Fellowship (Department of Anthropology, Texas A&M University).
- 1997-1998 Erasmus Scholarship (University of Valencia, Spain).

## **TEACHING EXPERIENCE**

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- Spring 2015 Teaching Assistant, Department of Anthropology, Texas A&M. ANTH 201-503 Introduction to Anthropology
- Fall 2014 Instructor, Department of Anthropology, Texas A&M. ANTH 316 – 512 Introduction to Nautical Archaeology.
- Preparing and Teaching classes
  - Assisting students during Office hours
  - Preparing and grading exams
  - Evaluating students
- Fall 2013-Spring 2014 Teaching Assistant, Department of Anthropology, Texas A&M. ANTH 316 – 500 Introduction to Nautical Archaeology.
- Fall 2012-Spring 2013 Teaching Assistant, Department of Anthropology, Texas A&M. ANTH 316 – 500 Introduction to Nautical Archaeology.
- Fall 2011-Spring 2012 Graduate Assistant, Department of Anthropology, Texas A&M. ANTH 316 – 500 Introduction to Nautical Archaeology.
- Prepared and graded exams
  - Assisted students during office hours
  - Taught classes when required

## **INVITED LECTURES**

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**Casabán, J.L.** (2010), *Aplicaciones prácticas de la fotogrametría en arqueología subacuática*. Lecture at the Diploma de Arqueología Subacuática 1a. Edición. Curso de Postgrado. Universidad de Valencia, España.

## **ARCHAEOLOGICAL FIELDWORK (PhD Student/Candidate)**

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- Jun-Jul 2013 (2 months) Position: Nautical Archaeologist/Photogrammetry Technician  
Project: Gnalic Project (Croatia). Venetian ship *Gagliana grossa* (1583)

Organization: CMAC – University of Zadar (Croatia)

- Underwater Photogrammetric mapping
- CAD mapping
- GIS

May 2013  
(2 weeks) Position: Project Co-director (P.I.)  
Project: Finisterre Project (Spain). Padilla's fleet shipwrecks (1596)  
Organization: Archeonauta S.L. - INA

- Archival research at General Archive of Simancas in relation to Padilla's fleet (1596).

Jul/Aug 2012  
(1.5 month) Position: Project Co-director (P.I.)  
Project: Finisterre Project (Spain). Padilla's fleet shipwrecks (1596)  
Organization: Archeonauta S.L. - INA

- Underwater survey
- Underwater excavation
- Photogrammetry and manual underwater mapping

May/Jun 2012  
(1 month) Position: Nautical Archaeologist  
Project: 4<sup>th</sup> BC Mazotos shipwreck (Cyprus)  
Organization: University of Cyprus

- Underwater excavation and mapping
- Photogrammetry

Jul 2011  
(1 month) Position: Project Co-director (P.I.)  
Project: Finisterre Project (Spain). Padilla's fleet shipwrecks (1596)  
Organization: Archeonauta S.L. – INA

- Underwater survey
- Underwater excavation
- Photogrammetry and manual underwater mapping

May/Jun 2011  
(1 month) Position: Nautical Archaeologist  
Project: 4<sup>th</sup> BC Mazotos shipwreck (Cyprus)  
Organization: University of Cyprus

- Underwater excavation and mapping
- Photogrammetry

Aug 2008  
(2 weeks) Position: Nautical Archaeologist/Photogrammetry Technician  
Project: Bajo de la Campana. 7<sup>th</sup> century BC Phoenician shipwreck. (Spain)  
Organization: ARQVA – INA

- Underwater excavation
- Underwater photogrammetry mapping
- CAD mapping

## **PROFESSIONAL ASSOCIATIONS**

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2014-present American Historical Association

2013-presentt INA Research Associate

## **PROFESSIONAL EXPERIENCE**

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July 2012  
(2 weeks) Position: Nautical Archaeologist/Underwater surveyor  
Project: Ribadeo Galleon  
Location: Ribadeo (Galicia Region, Spain)  
Organization: Archeonauta S.L.

- Underwater excavation and mapping
- Photogrammetric mapping and CAD drawing
- Protection in situ of wooden hull remains

May/Jun 10  
(1 month) Position: Project Director  
Project: Europe India Gateway (EIG). Optic fiber submarine cable.  
Location: Bay of Gibraltar (UK/Spain).  
Organization: Arqueotecnica S.L.

- Project and Report writing
- Underwater archaeological survey
- Monitoring of underwater trenching
- Marine geophysics interpretation

Jan/May 10  
(5 months) Position: Project Co-Director.  
Project: Pardines, terrestrial archaeological excavation  
Location: Beniarjó Canal (Valencia Region, Spain).  
Organization: UTE Serpis-medio

- Project and Report writing
- Archaeological excavation and interpretation (Six Roman kilns)

Jun 09/Jan 10  
(7 months) Position: Nautical Archaeologist  
Project: Various  
Location: Cartagena (Murcia Region, Spain)  
Organization: National Museum of Underwater Archaeology – ARQVA

- Underwater excavation and photogrammetric mapping (Bajo de la Campana shipwrecks, INA-ARQUA)
- Underwater survey (Murcia Region Underwater Archaeological Chart)

- Marine Archaeology GIS (Murcia Region Marine Archaeology Database)
  - Database development
- Feb 2009  
(1 month)
- Position: Nautical Archaeologist  
Project: Marina La Curra  
Location: Port of Cartagena ( Spain).  
Organization: Arqueomar CB
- Underwater excavation
  - CAD mapping
  - Archaeological illustration
- Sep/Dec 08  
(4 months)
- Position: Project Director  
Project: Almería Underwater Archaeological Chart  
Location: Almería (Andalucia Region, Spain)  
Organization: IAPH-CAS
- Library and archival research
  - Underwater surveys
  - Marine Archaeology GIS
  - Report writing
- Aug 2008  
(2 weeks)
- Nautical Archaeologist  
Project: Submarine cable Sagunto - Mallorca  
Location: Port of Sagunto (Spain).  
Organization: Murveter S.L.
- Underwater survey and trenching
- April/Jul 08  
(3 months)
- Position: Project Director  
Project: MEDGAZ deepwater gas pipeline Algeria – Spain  
Location: Almería (Andalucia Region, Spain)  
Organization: Arqveologica S. Coop. And.
- Underwater survey
  - Archaeological monitoring of dredging for gas pipeline on board dredging vessels
  - Projects and reports writing
  - Marine geophysics interpretation
- Jan/Mar 08  
(2 months)
- Position: Nautical Archaeologist/Photogrammetry Technician  
Project: Mazarrón 2 shipwreck  
Location: Port of Mazarrón (Murcia Region, Spain)  
Organization: Archeonauta S.L.



- Underwater photogrammetric mapping of 7<sup>th</sup> cent. B.C. Phoenician shipwreck Mazarron-2.
  - 3D model design (Photogrammetry and CAD)
- Nov/Dec 07 (6 weeks) Project Director. Water pipeline (Valencia, Spain).  
Project: Water pipeline Jucar-Vinalopo. Segment 3.  
Location: Valencia (Spain)  
Organization: University of Valencia. Dept. Prehistory and Archaeology.
- Project and Report writing
  - Land survey and test pits excavation
  - CAD mapping
- Sep/Oct 07 (1 month) Project Director Location: Port of Sagunto (Spain).  
Project: Port of Sagunto Extension. Phase II.  
Location: Sagunto (Valencia Region, Spain)  
Organization: Hidtma-Ecomar S.L.
- Archeological monitoring of dredging within the port facilities.
- Jul 06/Jun 07 (12 months) Position: Project Director  
Project: Shelter area and canal of Port of Sancti Petri  
Location: Port of Sancti Petri, Cadiz (Andalucia Region Spain)  
Organization: UWA Arqueología, S.L.
- Project and Report writing
  - Underwater survey
  - Archaeological monitoring of dredging on board vessels
  - CAD mapping
- May/Jul 06 (2 months) Position: Nautical Archaeologist  
Project: Gas pipeline Denia-Ibiza-Playa San Juan de Dios (Mallorca)  
Location: Denia (Valencia, Spain)  
Organization: Gestión Arqueológica y Cultural, S.C.
- Underwater survey
  - Underwater excavation of test pits along the pipeline route
  - CAD mapping
- Apr/May 06 (1.5 months) Position: Project Co-director  
Project: El Pla Industrial State and Brazal Nou  
Location: Alzira (Valencia Region, Spain).  
Organization: IDOM INGENIERÍA Y ARQUITECTURA S. A.
- Project and Report writing
  - Land survey
  - Archaeological excavation of test pits

- CAD mapping
- Feb/Mar 06 (3 weeks) Position: Nautical Archaeologist  
Project: La Pepa Bridge  
Location: Bay of Cadiz (Andalucia Region, Spain)  
Organization: Gestión Arqueológica y Cultural, S.C.
- Underwater survey
  - Geophysical survey and interpretation
  - CAD mapping
  - GIS
- Jan/Feb 06 (1 month) Position: Nautical Archaeologist  
Project: Marques de Comillas pier expansion.  
Location: Port of Cadiz (Andalucia Region, Spain).  
Organization: Gestión Arqueológica y Cultural, S.C.
- Archaeological monitoring of dredging on board dredging vessels
- Dec 05/Jan 06 (1 month) Position: Project Co-Director  
Project: Betera Northen Bypass Road  
Location: Betera (Valencia Region, Spain)  
Organization: Idom Ingeniería y Arquitectura S. A.
- Project and Report writing
  - Land survey
  - CAD mapping
- Nov 2005 (1 month) Position: Surveyor  
Project: Urban excavation 13th-19th century pottery workshop  
Location: Paterna (Valencia Region, Spain)  
Organization: Self-employed.
- Excavation mapping
  - Final CAD site plans and sections (reports and publications)
- July 2005 (1 month) Position: Nautical Archaeologist  
Project: Bay of Cadiz underwater archaeological chart  
Location: Bay of Cadiz (Andalucia Region, Spain)  
Organization: IAPH-CAS
- Underwater survey and mapping
  - CAD mapping
  - Database development
- June 2005 (10 days) Position: Nautical Archaeologist  
Project: Gas pipeline Denia-Ibiza-Playa San Juan de Dios (Mallorca)

Location: Ibiza and Mallorca (Balearic Islands, Spain)  
Organization: Gestión Arqueológica y Cultural, S.C.

- Undewater survey
- CAD mapping

Jan/Apr 05  
(3 months) Position: Project Co-director  
Project: Urban excavation, 14th-19th centuries  
Location: Valencia city (Spain)  
Organization: Self-employed

- Project and Report writing
- Archaeological excavation
- CAD mapping

Jan 2005  
(2 weeks) Position: Project Co-director.  
Project: Alcàntera de Xúquer urban planning  
Location: Alcàntera de Xúquer (Valencia Region, Spain)  
Organization: Self-employed

- Project and report planning
- Excavation of test pits
- Manual archaeological mapping
- CAD mapping

Jan 03/May 04  
(17 months) Position: Archaeological Surveyor  
Project: Various (Ireland/Northern Ireland)  
Location: Ireland/Northern Ireland  
Organization: Archaeological Consultancy Services Ltd. (Drogheda, Ireland)

- Total Station mapping of archaeological sites
- CAD mapping (Site plans and sections for reports)
- GIS

Feb/Nov 02  
(10 months) Position: Archaeological Surveyor  
Project: La Almoína Project  
Location: Valencia city (Spain)  
Organization: Archaeological Research Services of Valencia – SIAM

- Total Station mapping of archaeological site
- Manual archaeological mapping
- Photogrammetry
- CAD mapping (Site plans, sections)
- GIS

Feb/Dec 01  
(11 months) Position: Archaeological Surveyor  
Project: Various (Ireland/Northern Ireland)

Location: Ireland/Northern Ireland  
Organization: Archaeological Consultancy Services Ltd. (Drogheda, Ireland)

- Total Station mapping of archaeological sites
- CAD mapping (Site plans and sections for reports)
- GIS

## **SKILLS**

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- Underwater Survey and Mapping
- Underwater Excavation
- Underwater Photogrammetry
- GIS (ArcGIS, GvSIG)
- CAD (AutoCAD, Map, Rhinoceros)
- Hypack
- Photoscan
- Photomodeler
- Photoshop
- Access

## **OTHER RELEVANT INFORMATION**

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- Commercial diving license (SCUBA & Surface Supplied to 30m)
- Technical Diving International Licenses: Advance Nitrox, Deco Procedures, Extended Range
- May 2014      Remote Sensing Survey Workshop  
(1 week)      Nautical Archaeology Program, Texas A&M University (Galveston)  
   Side Scan Sonar, Magnetometer, Hypack software
- Full driving license

## **CONFERENCES/WORKSHOPS ATTENDED**

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|--------------------------|--|
| Nov 2007<br>(80 hours)   | International Course of Nautical Mediterranean Archaeology (ARCHEOMED). Universidad de Barcelona (Spain).  |
| May 2007<br>(22 hours)   | Metals from underwater origin. Methodology and Preservation Techniques. CAS, IAPH (Cádiz, Spain).  |
| May 2005<br>(30 hours)   | Underwater Archaeology Surveying Techniques. CAS, IAPH (Cádiz, Spain).   |
| April 2005<br>(30 hours) | Course: Underwater cultural heritage protection. Universidad Internacional Menéndez Pelayo (Valencia, Spain).  |
| Feb 2005<br>(40 hours)   | Course: History of the City 4. Urban Memory. Universidad Politécnica de Valencia (Spain).  |
| July 2004<br>(62 hours)  | “New technologies for the research and underwater heritage management”. 3rd international Course of the European Project ANSER. MARQ, University of Alicante, CASCV (Alicante, Spain). |
| May 1999                 | XXV Archaeological Nacional Congress.  |

- (4 days) Diputación de Valencia. Museo de Prehistoria (Valencia, Spain).
- Sept 1998 Archaeological Science Seminar: Malta and Ibiza.  
(3 days) Dept. of Prehistory and Archaeology, University of Valencia (Spain).
- June/July 97 51<sup>st</sup> International Course of Archaeology of Empuries.  
(1 month) Archaeological Museum of Catalunya, Empuries (Spain).
- April 1997 Intensive Course: Landscape Evolution: Recent European Surveys.  
(5 days) Dept. of Prehistory and Archaeology, University of Valencia (Spain).
- Dec 1996 Seminar: Archaeological Survey and Territorial Analysis.  
(2 days) Institute of Archaeology and Studies of the Ancient World.  
University Rovira i Virgili of Tarragona (Spain).
- Oct 94/Apr 95 Internship at the Archaeological Research Services of Valencia (Spain).  
(6 months)
- Oct 1994 II Conferences of Underwater Archaeology  
(2 days) Dept. of Prehistory and Archaeology. University of Valencia (Spain).
- March 1993 I Conference of Underwater Archaeology  
(2 days) Dept. of Prehistory and Archaeology. University of Valencia (Spain).

## **LANGUAGE PROFICIENCY**

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- **Spanish:** Native speaker.
- **English:** Certificate of Proficiency (University of Michigan, USA).
- **Italian:** Intermediate Level (University of Pisa, Italy)