

FRANCESCO CALZOLAIO, Heritage Architect

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 Date of birth: 21/08/1959, Recanati, (MC), Italy
 Languages: English (excellent), French (good), German, Spanish, Catalan (elementary)
 1985 Degree in Architecture from Università Iuav di Venezia, Italy
 1986 Official member of the Association for Professional Architects in the Province of Venice, Italy
 2007 President of the cultural association Venti di Cultura

RESUME

Architect Francesco Calzolaio develops projects and applied researches for accessible and sustainable territory. A substantial part of his work revolves around the cultural territorial networks of coastal heritage. In his professional experience large scale planning, reclamation of artefacts and coordination of international networks intertwine with discussion and dissemination of the results in conferences, articles, books, laboratories and university courses.

From 1998 to 2003 he has taught at the ILAUD (International Laboratory of Architecture and Urban Design), directed by Giancarlo De Carlo for the University of Architecture in Venice Iuav.

Since 1999 he's teaching at the Venetian Workshop of the University of Minnesota (College of Design), where he's Adjunct Associated Professor at the Department of Landscape Architecture.

From 2007 to 2009 he was appointed by the University of Cagliari, as scientific responsible for the international networks of the Geo-mining Environmental and Historical Park of Sardinia.

In the 2009 he edited for the Province of Venice the volume "rooms ecomuseum the lagoon of Venice", a guide to museums of material culture, production and environment, all along the lagoon, under the European Programme Cultura2000 "industrial archeology between land and water, an European network of coastal eco-museums", being scientific coordinator of this program.

In november 2009 he edited the documentary Cathedrals of the Sea, and presented it at the conference sponsored by Unioncamere Venice and UNESCO, within the Sustainable Development Week.

He is 'project manager' of the international project TECCN (Cultural territorial Networks for Citizens) coordinated by the Venti di Cultura association, funded by the European Grundtvig Lifelong Learning Partnership (2010/2011). In this framework he is managing a cabotage along the cultural and environmental resources of the lagoon, called Lagunalonga.

In 2009 he was consultant for cultural and European projects for several institutions such as Po Delta Park of Emilia Romagna, Municipality of Venezia and Comacchio.

In particular for the Consorzio Venezia Nuova and Tethys he is now working to build a network of places and institutions on the internal waters of the Gulf of Venice.

Following, principle case study are outlined in such a way as to restore the complexity of approaches to the various scales and with the various interlocutors. In fact, in enhancing the local territorial resources, we must follow a path that leads from the evaluation of its cultural and environmental potential to design a network of places able to construct condensers of activities and relations.

CASE STUDY

ARGENTIERA MINING VILLAGE, SASSARI

Project

- 1994-1997 Designer of the Argenteria (SS) VILLAGE RECLAMATION PLAN for Argenteria SPA. In this environment which is quite fragile due to neglect, to the beauty of its landscape and mining exploitation, and due to its precious industrial archaeological remains, the foundation for the reclamation and expansion of the mining village have been put into place. The mobility system has been studied so that all users, able and disabled, are placed on the same level;

Conferences and conventions

- March 10, 2006, Lula Nuoro, *Master in Industrial Archaeology*: "A reclamation project for Argenteria".
- November 3, 1996, Le Creusot (France) *Industrial archaeology reclamation*: "a mine reclamation project in Sardinia".
- October 10, 1995, Argenteria (Sassari), *From the evaluation of environmental impact to a controlled development plan*, coordinator of the convention.



VENETIAN LAGOON ISLANDS

Teaching in design workshop

- Venice, Resident Faculty of the College of Architecture and Landscape Architecture (CALA) University of Minnesota, planning workshop, on “the lagoon museum in the Sacca Sessola island sanatorium”, Venice 1998.

Related publications

- *book: Progetti per Sacca Sessola*, Venice 1998, (with A. Chen), pp.102.

VENICE ARSENAL

Plans and projects

- 2004-2006 designer of the Venice CONSORZIO ARTIGIANO, for Arzanà 2000, with E. Bedeschi and S. Famà Tringali, definitive project. A consortium of five artisans will be located in the ex mechanics office in the peninsula of dry docks. The large pavilion will be divided into a sequence of distinct spaces on the ground floor, that are all reconnected in the foyer
- 2004-2005 designer of the ILLUMINATION OF SAINT MARC'S BELL TOWER, Venice, for the 900 years of the Arsenal Committee and the Guzzini Illumination, executive project. The bell tower is part of the square's nocturnal skyline with an illumination that is focused along its 100 meters of height. The stone shaft receives frontal illumination on all four sides, faded from top to bottom alternately. The attic and the spire are illuminated in order to highlight the friezes and the sculptures. A beam of light from the Amerigo Vespucci docked in Saint Mark's Basin illuminated the bell tower in occasion of the anniversary.
- 2003 designer of the Venice NAVAL MUSEUM, project hypothesis. The Arsenal will soon host multiple functions: it will be open to the city and will be used not only for compatible activities but above all will host functions that will be completely new for its fragile morphological balance. A hypogeous system crosses the large dockyard, allocating a naval museum and access to the city. Natural collectors of light illuminate rooms and submarine tours. The project was developed within the Cultura 2000 community program “Pachyderms of industrial archaeology”
- 1999, designer of the feasibility project for the LAGOON MUSEUM, for the Lagoon Forum, within Prusst Tessera-Arsenale.

Teaching of design workshops

- 2001 Venice, Resident Faculty of the College of Architecture and Landscape Architecture (CALA) University of Minnesota, six week planning workshop on the “Naval Museum”.
- 1999 Venice, I.U.A.V. Resident faculty, International Laboratory of Architecture and Urban Design (ILAUD), five week planning workshop on the subject of “*Fondamenta Novissime*”
- 1998 Venice, I.U.A.V. Resident faculty, International Laboratory of Architecture and Urban Design (ILAUD), five week planning workshop on the “Arsenal Surroundings”.

Convention participation

- November 11, 2004, Venice, Arsenal, *Nine hundred years of the Arsenal: “Lights in the Square”*.
- June 21, 2003, Venice, Arsenal Library, “*An upside down pyramid for the Venice Arsenal*”.
- January 25, 2002, Venice, Neighbourhood Council 1, *The Arsenal and/as the Museum*, “The Arsenal contested”.
- January 16, 2002, Venice, Arsenal Library, *Projects for the Arsenal of Venice*, coordinator.

Related publications

- *chapter*: “Gli interventi della società Arsenale Venezia nell'area dei Bacini”, in *La rinascita dell'Arsenale*, edited by A. Dina, pp. 64-65, Venice, 2004.
- *chapter*: “L'Arsenale di Venezia”, in *Le ‘dinosaures’ du patrimoine industriel* edited by L. Bergeron and M.T. Pontois, Bruxelles 2003, DVD-rom.
- *book*: “Una piramide rovesciata per l'Arsenale di Venezia”, Venice, 2003 with B. Bedeschi, G. Caniato and C. Menichelli, introduction by L. Bergeron, 112 page book.
- *chapter*: “L'Arsenale conteso”, in “Arsenale e/è Museo”, *Insula note books* 11/2002
- *book*: “Progetti per l'Arsenale di Venezia”, Venice, 2001, with A. Chen, 160 page book.
- *chapter*: “Facing the lagoon, urban mobility and new use for the old shipyard”, in “*Fondamenta Novissime*”, Ilaud, Venice 1999, pp. 130-136.
- *chapter*: “Venice between land and water”, in “*Fondamenta Novissime*”, Ilaud, Venice, 1999, pp. 154-155

Related exhibits

- October 2004, Venice, Architecture Biennial, “Cala-Umn a Venezia”, floating pavillion *Città d'Acqua*, 8 panels showing six years of workshops at the University of Minnesota.



- May 2001, Venice, Naval Museum, "Projects for the Arsenal" exhibit of 22 projects from the University of Minnesota course.

MANDELLI AREA, COLLEGNO (TO)

Project

- 1998 designer of the RECLAMATION MANDELLI AREA, Collegno (Torino), for the European 5 competition. The winner organizes an Industrial Museum, a hotel and student residences in the industrial area no longer in use.

Related publications

- *chapter*: "Collegno: il progetto vincitore per l'ex acciaieria Mandelli", in "I nuovi paesaggi residenziali, spostamenti e prossimità", European5, Rome 2000, pp.36-39.
- *review*: "New housing landscapes", European 5, Paris 1999, pp.182-183

MARGHERA, VENICE

Teaching of design workshops

- 2003 Venice, I.U.A.V. Resident faculty, International Laboratory of Architecture and Urban Design (ILAUD), 5 week planning workshop on "lagoon edges from Marghera to Tessera".

Convention participation

- October 10, 2002, Venice, Audis and Water Cities, *Urban research and development of historical-industrial heritage: the Portomarghera case*, coordinator.

Related articles

- "Portomarghera", in *Le 'dinosauri' du patrimoine industriel* edited by L. Bergeron and M.T. Pontois, Bruxelles 2003, DVD-rom
- "Venezia e Marghera: città e porto" in "Patrimoine de l'industrie", 1/1999, pp.53-60.

GIUDECCA, VENICE

Teaching of design workshops

- 2007, Venice, Resident Faculty of the College of Architecture and Landscape Architecture (CALA) University of Minnesota, planning workshop on "The Lucchese area and the Herion villa".
- 2006, Venice, Resident Faculty of the College of Architecture and Landscape Architecture (CALA), University of Minnesota, planning workshop on "the Lucchese area".
- 2005, Venice, Resident Faculty of the College of Architecture and Landscape Architecture (CALA), University of Minnesota, planning workshop on "the south front from Sacca San Biagio to the Lucchese area".
- 2004, Venice, Resident Faculty of the College of Architecture and Landscape Architecture (CALA), University of Minnesota, 6 week planning workshop "the West part of Sacca San Biagio".

Convention participation

- October 14, 2003, Venice, Giudecca Civic Center, *Projects for Giudecca*, coordinator.
- March 29, 2006, Venice, Venice Institute, *Giudecca Strategies*, coordinator.

Related publications

- *book*: "Progetti per l'insula di sant'Eufemia, Venice 2006, with A. Chen, 174 pages.
- *book*: "Progetti per la Giudecca", Venice, 2003, with A. Chen, 140 pages.

FIM AREA, SANT'ELPIDIO PORT (AP)

Program

- 2005, preliminary hypothesis for the course of reorganization, for Municipal Administration.

Convention participation

- March 4, 2005, Macerata, Aula Magna University, *Industrial Archaeology and work*: "The implementation of industrial archaeology".

GASOMETERS, VENICE

Teaching of design workshops

- Venice, Resident Faculty of the College of Architecture and Landscape Architecture (CALA) University of Minnesota, 6 week planning workshop on "Gasometers in San Francesco della Vigna".

Convention participation

- October 9 2003, Venice, Scuola di San Marco, "*Plans for the Gasometers of San Francesco della Vigna*", coordinator.

Related Publications

- "Progetti per i Gasometri di San Francesco della Vigna", Venice, 2002, with A. Chen, 192 page book.



ECOMUSEUMS, EUROPEAN AND VENETIAN NETWORKS

Programs, plans and projects

- 2009/2011, Grundtvig Lifelong Learning Partnership, two year programme TECCN: "Territorial Cultural Networks for Citizens", coordinator for Venti di Cultura, with Culturlab -Belgium, Naussa Environmental Centre -Greece, Parco del Delta del Po Emilia Romagna -Italy, Heritage Malta -Malta.
- 2004, 2006, Scientific Director for Cultura 2000, CE DGXII, triennial program: "Industrial heritage between land and sea: for a European network of ecomuseums"; participants include the Province of Venice; The Cini Foundation, Venice; Maltae Hyères; Pozzo Sella Association, Iglesias; the Greek and Romanian Ministers of Culture, the Turku University, mNACTEC, Catalogna.

Conventions, workshops and lectures

- 11 giu 2010, Thetis Venice, Launch Conference of the Charter for Territories of transition, during the "Lagunalonga 2010"
- 5 giu 2010, Arsenale di Venezia, Waterways Conference: "cultural territorial networks"
- 26 gen 2010, Naussa (Grecia), TECCN Conference: "cultural territorial networks for citizens"
- 30 ago 2009, Frieberg (Germania), TICCIH World Congress: "cultural territorial networks"
- May 15, 2006, Venice, taught within planning course led by prof. Donatella Ferretti, University of Berlin: "Recent projects realized on Giudecca Island".
- May 18, 2006, Venice, Giudecca Civic Center, *Master of cultural heritage*, Unisco and Cottbus University (Germany). "Venetian and European cultural networks".
- April 30, 2006, Venice, closing symposium of the European project "*Industrial Archaeology between land and sea*", for a European network of ecomuseums.
- March 11, 2006, Iglesias: opening conference for itinerant exhibit.
- February 12, 2006, Terrassa, Spain: opening conference for itinerant exhibit.
- October 20, 2005, Salonicco, Greece: opening conference for itinerant exhibit.
- September 16, 2005, Turku, Finland: opening conference for itinerant exhibit: *industrial archaeology between land and sea*".
- May 29 2005, Salonicco, *Rehabilitation of industrial heritage*: "Venetian Waterfronts".
- October 22, 2004, Cavallino, Civic Center, *Lio Piccolo Conference*: "From the Lagoon to Europe and beyond, new courses for cultural and environmental tourism.
- October 8, 2004, Venice, Architecture Biennial, "Waterfront planning, comparing experiences", coordinator.
- October 2, 2003, Norcia, Sibillini Park, *Everyone's park, everyone's world: "Accessibilitiy and ecomuseums"*.
- October 12, 2001, Catania, *Master History and Territory*: "Ecomuseums and the territory", lecture
- April 9, 2001, Venice, Arsenal Library, *Applied research and the compatible development of the lagoon*, coordinator.
- April 1, 2000, Cavallino and Venice, Cala, *Towards a Venetian Lagoon ecomuseum*, coordinator.
- October 30, 1999, Minneapolis USA, "Ecostrategies for the Venetian lagoon", lecture.

Related publications

- *article*: "Lagunalonga 2010", in *Wigwam News* 3/2010, pp. 22-26
- *article*: "Lagunalonga 2009", in *Lagunamare* 3/2009, pp. 28-32
- *book*: "Rooms of the Ecomuseum of the Lagoon of Venice, the museums of production, material heritage and environment", Venice, 2009.
- *catalogue*: travelling exhibition "Industrial Archaeology between Land and Sea: for an European networks of Ecomuseums", Hyeres/Venice, 2006.
- *article*: "Una rete mediterranea per gli Ecomusei", in *Federparchi* 2/2003, pp. 68-74.
- *book*: "Towards an Ecomuseum of the Venice Lagoon", with A. Chen, Venice 2000, 96 pp.

ITALIAN CATHEDRALS OF THE SEA

Program

- 2007-2009 project manager of the cultural cabotage program "Cathedrals of the Sea", for the *Venti di Cultura* association co-financed by the Provinces of Venice, Macerata and Latina, Historical and Environmental Geomineral Park of Sardinia, the Michelagnoli of Taranto Foundation, and by private sponsors;

Conventions

- Novembre 12, 2009, "Post-industrial patrimony", Unioncamere Veneto, Provincia di Venezia, within the UNESCO Sustainable Development Week.



- August 29, 2009, conference “Cathedrals of the Sea”, Frieberg (Germany), word congress of TICCIH (The International Committee for the Conservation of the Industrial Heritage).
- Novembre 18, 2007, “synthesis of cultural cabotage”, Venice.
- Novembre 9, 2007, presentation conference, I.U.A.V., Venice.
- November 5, 2007, “good practice for the reclamation of industrial patrimony”, Gaeta (LT).
- October 27, 2007, “edutainment: teaching youth about territorial cultural heritage through fun”, Portorecanati (MC)
- October 22, 2007, “military arsenals, between productive resource and cultural heritage”, Taranto.
- October 3, 2007, “Cultural territories promotional networks”, Buggerru (CI)
- June 20, 2007, presentation to the Minister of Economic development.

Related publications

- *documentary*: “Cathedrals of the Sea” 2009, Venice, editor.

ARC-ET-SENANS E SALINS LES BAINS, FRANCE

2009: **desk critic** for **ICOMOS** concerning the extension of the Royal Salt works of Arc-et-Senans to the middle-aged Salins-les-bains, approved by **UNESCO**

Francesco Calzolaio, Venice, August 2010