

## Curriculum Vitae

### EDUCATION

- 2008** Qualification as assistant professor, Conseil National des Universités, section 72, epistemology, history of sciences and technology
- 2006** Doctorate in art history and archaeology. Dissertation: *Modernité technique et valeur d'usage, le chauffage des bâtiments en France*. Adviser: Professor Gérard Monnier, Board of examiners: Professor Denis Woronoff, Jean-François Belhoste, Laurent Baridon, Université de Paris I, Panthéon-Sorbonne, Paris
- 1985 - 1986** Diplôme d'Études Approfondies, Postgraduate Degree in Philosophy and Culture: Dissertation on *Fonctionnalisme*, Adviser: Olivier Revault d'Allonne, Université de Paris I
- 1978 - 1985** Diplôme d'Architecte D.P.L.G., Postgraduate degree in architecture with highest honours, *Les Roches Noires: monographie d'un grand hôtel*, a historical, architectural, technical and aesthetic study. Adviser: Claude Schnaidt, Paris-Villemin architecture school, Paris
- 1978** Baccalauréat C (mathematics and physics; 14,5/20), Maurice Ravel high school, Paris

### LINGUISTIC ABILITIES

Fluent English (academic papers written in English); TOEFL 1997 (600/677)  
Reading and oral capacity in German; understanding of Italian and German languages

### PROFESSIONAL MEMBERSHIPS AND COMMITTEE SERVICE

- 2010 -** Member of the CIBSE Heritage Group
- 2010 -** Member of the Association Francophone d'histoire de la construction
- 2002 -** Member of the International Committee for Technology of Docomomo
- 2005 - 2006** Member of the scientific committee of the 9<sup>th</sup> international conference of Docomomo
- 2000 - 2002** Member of the organizing committee of the 7<sup>th</sup> international conference of Docomomo
- 2000-2002 & 1994-1996** Secretary of Docomomo France (international working party for documentation and conservation of buildings, sites and neighbourhoods of the modern movement)

### WORK EXPERIENCE

#### Architecture, design, editing and graphic design

- 2011** Lofts in Montreuil-sous-Bois
- 2003 -** Webmaster of my website [www.emmanuellegallo.net](http://www.emmanuellegallo.net)
- 2010** Editor and graphic designer *Documents pour l'histoire des techniques*, DHT n°19
- 2004 - 2008** Several architectural projects with Pascale Langrand architecte
- 2003 - 2005** Webmaster and editor of Docomomo international website
- 2002** Editor of Docomomo France *Bulletin* n°7
- 2001 - 2002** Webmaster and editor of Docomomo France website
- 1995 - 1998** Consultant in real estate and heating, interior design
- 1985 - 1992** Practising Architect
- 1980 - 1984** Architectural draftsman

## Research

- 2008 - Research fellow in the *Centre d'histoire des techniques et de l'environnement*, Conservatoire National des Arts et métiers, Paris
- 2011 Research into solar energy before 1973, and into heating devices in the Bibliothèque Nationale (Richelieu) building
- 2010 - 2011 Research for an heritage study concerning 9 campuses in France (1950-1980) for the Ministère de l'éducation nationale
- 2010 Historical research into COSTIC (1906), an association undertaking teaching about and research into the thermal technology of buildings for a book with *Com'une Histoire*
- Historical research into the heating system of Le Corbusier's Cite de Refuge for the Salvation Army, Paris, 1933, through archives and building archeology, in view of the next renovation of this building
- Historical research into the different heating systems in Le Corbusier's *Unités d'Habitation*, for Docomomo-Mexico (with Vanessa Fernandez)
- 2009 "Ensembles urbains, 1940-1977, les ressorts de l'innovation constructive", "Urban blocks, 1940-1977, strings of constructive innovation", with Valérie Nègre, Guy Lambert and Denyse Rodriguez-Tomé, CDHTE-CNAM for the direction de l'architecture et du patrimoine, Ministère de la Culture
- 2008 - 2009 Historical research into the construction and heating of the Bourse, Paris
- 2008 Post-doctorate grant in the *laboratorio di analisi del costruito, Dipartimento di Architettura e Pianificazione, Politecnico di Milano*, Assessment and setting up of a European group on the history of heating
- 2007 - 2008 Research into marquis Jean-Baptiste Marie Frédéric de Chabannes (1770-1835), professional officer, inventor, and pioneer of central heating
- 2006 - 2007 Research into archival sources for the modern architecture of Martinique
- 2005 - 2006 Research into Jean-Simon Bonnemain (1743-1830), physicist, mechanical engineer, and pioneer of hot water central heating
- 2002 Historical research into the origin of Villeurbanne's Skyscrapers
- 2000 Historical and iconographic research and consultant curator for the exhibition "*Les Roches Noires, histoire d'un grand hôtel*", "*The Roches Noires, history of a Palace*", Trouville-sur-Mer Museum
- 2000 Documentation research on the different technical networks present beneath the Tuileries gardens, for Gest'Art and the SDAP Paris
- 1996 Research into the history of heating, Avery Library, Department of Architecture and Fine Arts, Columbia University, New York City
- 1995 Research for books on firms' history: the CPCU (Paris district heating) and Missenard Quint Society (a heating firm), with Adage Communication
- 1995 Historical research into the district heating system in Villeurbanne (1928)
- 1986-1987 Contribution to an "*Anthologie raisonnée sur le fonctionnalisme*", "*Reasoned anthology on functionalism*", architectural research in Paris-Villemin architecture school, directed by Claude Schnaidt

## Academic activities

- 2010 - 2011** Lecturer: Architecture et Heritage, DSA, Ecole Nationale d'Architecture Paris Belleville  
Lecturer: "*Thermal comfort, devices and, 19<sup>th</sup> and 20<sup>th</sup> centuries*", for Architecture, techniques et environnement, instructor: Guy Lambert, Ecole Nationale d'Architecture Paris Belleville
- 2010** Lecturer: "*Cultural sensibilisation to thermal design heritage*", INSA Strasbourg in the COSTIC, Saint-Rémy-les-Chevreuses
- 2008** Lecturer: "*Impianti e reti nell'edilizia storica*", Dipartimento di Architettura e Pianificazione, Politecnico di Milano
- 2007 & 2003 - 2004** "*Introduction of technical devices, 19<sup>th</sup> and 20<sup>th</sup> centuries: heating and ventilation*", in the program "*Science and conscience of patrimony*", graduate class, Ecole d'Architecture Paris Belleville, instructor: Daniel Bernstein
- 1991 - 1994** Lecturer and temporary assistant professor, l'Institut Universitaire de Technologie in Cergy-Pontoise, Paris X : "*Construction*", "*Architecture and town planning*"
- 1991 - 1992** Lecturer: "*History of habitat*", undergraduate degree in Orléans art school
- 1990 - 1998** Lecturer: "*Technology in contemporary architecture*", undergraduate degree in art and archeology in the art Institut, Université de Paris I, Panthéon-Sorbonne
- 1990 - 1992** Lecturer: "*History of architecture*" et "*History of art*" in the Ecole Française d'Enseignement Technique, Paris
- 1989 - 1990** Lecturer: "*Space and communication*" in the Institut de Communication Visuelle école of the Union Centrale des Arts Décoratifs UCAD
- 1987 - 1988** Lecturer: "*History of modern architecture*", undergraduate building class in the Ecole Nationale des Travaux Publics de l'Etat

## REFEREED CONFERENCE PAPERS

- 2011** "*The importance of the study of original technical devices in 20<sup>th</sup>-century architectural heritage, for a well-reasoned conservation approach*", CAH 20thC, International Conference Intervention Approaches for 20<sup>TH</sup> Century Architectural Heritage, June 14-16, Madrid
- 2011** "*Zehnder, d'un tube à l'autre : de la bicyclette au radiateur*", 22<sup>nd</sup> International Cycling History Conference, Conservatoire National des Art et Métiers, May 28, Paris
- 2010** "*'A Factory for Well-being', Innovation in the Heating System and the Curtain-Wall in Le Corbusier's Salvation Army 'City of refuge', Paris 1933*", with Vanessa Fernandez, *Living in Urban Modernity*, Docomomo 11<sup>th</sup> conference, Mexico City.
- 2010** "*La cuisson chez les inventeurs pionniers d'appareils de chauffage (1780-1830)*", colloque international, Les modes de cuisson alimentaires du feu traditionnel à la vaposaveur : techniques, matériels, rituels et alimentation de la Préhistoire au XXI<sup>e</sup> siècle, CerMAHVA & iehca, November 24, Tours
- 2009** "*Un pont lancé sur la mer : la jetée promenade*", *Ponts d'ici, Ponts d'ailleurs : constructions, archives et mémoires*, Société des Elèves et Amis du Centre d'histoire des Techniques et de l'Environnement (SeaCDHTE-Cnam) et l'axe "Technique, Territoire et Architecture" du CDHTE-CNAM, *L'art du vide, les ponts du génie français en métropole et dans le monde*, Archives Nationales du Monde du Travail, March 9, Roubaix

- 2008 "La contribution du Marquis de Chabannes (1762-1836) à l'innovation en matière de construction de chauffage et d'urbanisme", first French-speaking congress on construction history, CNAM, ENSAPM, Paris, June 21
- 2007 "Per una storia del comfort e dei suoi apparati, Sistemi di riscaldamento centrale in Francia tra XVIII e XIX secolo", Seminario di studio : Edifici storici e impianti, Dottorato di Ricerca in Conservazione dei Beni Architettonici, Facoltà di Architettura e Società, Politecnico di Milano, March 9  
"The lessons that can be drawn from the history of heating regarding the present situation, from a french perspective", International Energy History Conference, Esbjerg, Danemark, February 7-8
- 2006 "Jean Simon Bonnemain (1743-1830) and the Origins of Hot Water Central Heating", 2<sup>nd</sup> International Congress on Construction History, Queens' College, Cambridge, UK, March 29 - April 2
- 2005 "Les ouvrages techniques sur le chauffage des bâtiments d'habitations, des inventeurs aux ingénieurs", Les Avatars de la littérature technique, CDHTE, CNAM, INHA, Paris, March 3, 4 and 5
- 2005 "Modern Movement Architecture and Heating Innovations in France 1900-1939", 9<sup>th</sup> International Docomomo Technology Seminar, Climate and Building Physics in the Modern Movement, Löbau, Germany
- 2002 "La réception et le quartier des Gratte-ciel, centre de Villeurbanne, ou pourquoi des Gratte-ciel à Villeurbanne en 1932", VII<sup>e</sup> conférence internationale de Docomomo, Image, usage, héritage : la réception de l'architecture du mouvement moderne, Unesco, Paris, September 16-19
- 1997 "American influences on Villeurbanne's town center and district heating in the 30's", Society for the History of Technology Annual Meeting in Pasadena
- 1994 "Le chauffage urbain du quartier des gratte-ciel de Villeurbanne", colloque "Citadins, techniques et espaces urbains du XVIII<sup>eme</sup> siècle à nos jours", CNRS, l'IHMC et la Cité des Sciences et de l'Industrie, January 25-27

### NON-REFEREED CONFERENCE PAPERS

- 2008 "Sur le fonctionnalisme", Design school, Nantes, January 8  
"De l'émergence des méthodes du chauffage moderne et leurs diffusions au XX<sup>eme</sup> siècle siècle dans le logement", Patrimoine moderne et ambiances intérieures, DSA Architecture and Heritage, Ecole d'Architecture Paris Belleville, February 11
- 2005 "Paris, chauffage, fabrication invention, XVIII<sup>e</sup>, XIX<sup>e</sup>", paper for the seminar Histoire de l'industrie parisienne, under the direction of Jean-Francois Belhoste, Centre Albert Chatelet, Ecole Pratique des Hautes Etudes, Paris, March 30  
"chauffage et réglementation incendie", paper for the seminar Histoire du droit et technique, under the direction of Robert Carvais, Université Panthéon-Assas, CNRS (UMR 7105), Paris, June 6
- 2003 "Histoire du chauffage", Ecole d'Architecture Rouen
- 2002 "La réception des nouveaux modes de chauffage domestiques en France au XIX<sup>e</sup> siècle", paper for the DEA seminar "histoire de l'architecture", Institut d'art et d'archéologie de Paris I

- 2001 "L'hôtel de Ville de Boulogne-Billancourt, le bâtiment, sa construction", training day for lecturers in Picardy, for the Office Culturel Régional de Picardie, Boulogne-Billancourt, April 26
- 2000 "Les Roches Noires, d'un travail de diplôme à l'édition", paper for the seminar Master of architectural history, Institut d'art, Paris, May 22
- "L'usage de l'iconographie comme mode de datation des différentes modifications d'un bâtiment à travers l'exemple de l'hôtel des Roches Noires à Trouville", training day for Architectes des Bâtiments de France, Paris, September 13
- 1997 - 1998 "Deux questions d'histoire : méthode et contenu", CEAA History and Heritage, Lille School of Architecture, Lille, April 29
- "Histoire du chauffage", Rennes School of Architecture
- 1997 "History of heating and town planning, in France during the modern and contemporary period", Columbia University in Reid Hall, April 2, Paris
- 1992 "Les Roches Noires, du grand hôtel à la résidence; évolution du confort d'un habitat de luxe", paper for the DEA seminar "histoire de l'architecture", Institut d'art et d'archéologie de Paris I
- 1991 "les ascenseurs dans l'histoire de l'architecture", interview for the Ateliers de Créations Radiophoniques, France Culture, Paris
- 1990 "Histoire des moyens de chauffage : nouveaux champs de recherche et carrefour interdisciplinaire", paper for the DEA seminar "histoire de l'architecture", Institut d'Art et d'Archéologie de Paris I

## REFERRED PUBLICATIONS

### Refereed collective publications:

- 2010 "La contribution du Marquis de Chabannes (1762-1836) à l'innovation en matière de construction, de chauffage et d'urbanisme", *Actes du premier congrès franco-phone d'histoire de la construction*, CNAM, ENSAPM, Picard, Paris, p. 1117-1126.
- "Un pont lancé sur la mer : la jetée promenade, L'art du vide, Ponts d'ici et ailleurs, Trois siècles de génie français, XVIII<sup>e</sup>-XX<sup>e</sup>", ANMT, Somogy, Paris, 2010, p. 76-85.
- 2008 "The lessons that can be drawn from the history of heating regarding the present situation, from a French perspective", *The Culture of Energy*, Cambridge Scholars Publishing, Newcastle, p. 268-280.
- "Les ouvrages techniques sur le chauffage des bâtiments d'habitations, des inventeurs aux ingénieurs", *La construction savante*, (dir.: J.-P. Garric, V. Nègre, A. Thomine), Paris, Picard, 2008, p. 347-356.
- 2006 "Modern Movement Architecture and Heating Innovations in France 1900-1939", *Climate and Building Physics in the Modern Movement*, Preservation technology, dossier 9, Docomomo International, p. 91-96.
- "Jean Simon Bonnemain (1743-1830) and the Origins of Hot Water Central Heating", Proceedings of the 2<sup>nd</sup> International Congress on Construction History, Construction History Society, vol. 1, p. 1043-1060
- 2006 "La réception des nouveaux modes de chauffage domestique en France au XIX<sup>e</sup> siècle", *L'architecture : la réception immédiate et la réception différée. L'œuvre jugée, l'édifice habité, le monument célébré*, dir. Gérard Monnier, Publications de la Sorbonne, p. 37-51.

- 2005 "La réception et le quartier des Gratte-ciel, centre de Villeurbanne, ou pourquoi des Gratte-ciel à Villeurbanne en 1932", VII<sup>e</sup> Docomomo international conference, *Image, usage, héritage : la réception de l'architecture du mouvement moderne*, Presse Universitaire de Besançon, Besançon , p. 149-152
- 2004 "Thermal comfort in the Viipuri library", *Construction for sensations*, Docomomo ISC/T, Copenhagen, p. 100-105  
"Chauffage et ventilation", *Le Paris des centraliens, bâtisseurs et entrepreneurs*, Action Artistique de la ville de Paris, Paris, p. 199-201, with Alice Thomine, dir. Jean-François Belhoste
- 2003 "La construction en France milieu XIX<sup>e</sup> - début XX<sup>e</sup> siècles, le cas de l'architecture domestique des frères Leseine", catalogue d'exposition Musée de Colombes : "Leseine frères, architectes à Colombes", p. 7-9
- 1999 "Mon quartier", "Eau courante à tous les étages", "De l'évier à la rivière", "Décharge interdite", "On a ouvert une tranchée dans le trottoir", "Transports en commun", La grande encyclopédie des sciences, Fleurus et la Cité des Sciences
- 1997 "Chauffage", *L'art de l'ingénieur, constructeur, entrepreneur, inventeur*, catalogue – dictionnaire de l'exposition au Centre Georges Pompidou, Centre Georges Pompidou – Le Moniteur, Paris, p. 116-117
- 1989 "Penser la bibliothèque", *Au Figuré*, n° 2, Paris  
"Des inconforts de la lecture", *Au Figuré*, n° 4, Paris  
"Räumliche und soziale Strategien zur Sicherung des Wärmekomforts", Wissenschaftliche Zeitschrift der Hochschule für Architektur und Bauwesen Weimar. 5. internationales bauhaus Kolloquium, Weimar

## Refereed journal articles:

- 2007 "Modernismo, arquitectura y calefacción. Innovaciones en Francia, 1900-1939", *de Edificación*, n° 36-37, Pamplona, p. 118-124.
- 2005 "La Martinique moderne, études de cas", *Le mouvement moderne dans les îles Caraïbes*, *Docomomo Journal*, n°33, with Jean Doucet, p. 72-79, trilingual edition french, English, Spanish  
"Les fenêtres de l'Observatoire de Paris", *Chronique Architecture et sciences (XVII<sup>e</sup> et XVIII<sup>e</sup> siècles)*, *Bulletin Monumental*, 163-III, p. 266-267
- 2003 "Skyscrapers and District Heating : an inter-related History, 1876-1933", *Construction History*, Vol. 19, p. 87-106

## NON-REFEREED PUBLICATIONS & POSTERS

### Books:

- 2000 "Les Roches Noires", les Cahiers du Temps, 128 p., ill.

### Posters:

- 2004 "Swimming in Utopia, Building Conservation and Ephemeral textile Swimming-pool Superstructures", 8<sup>th</sup> Docomomo international conference, *Import-Export Postwar modernism in an Expanding World, 1945-1975*, September 26-October 2, Columbia University, New York

- 2003** "Ventilating and Heating Lariboisière Hospital, a Scientific Debate in Paris 1848-1878", for the 3rd international conference for the History of Hospitals, "Form+Function, the Hospital", McGill University, Montréal, June 19-21

**Non refereed journal articles:**

- 2007** Paper for *Architecture et technique, Le Moniteur* : "Un centre technique contrasté à Sevran", "Un loft en espace contraint chez les canuts", "Crèche 60 berceaux, ville de Puteaux", July 20, August 17, September 28
- 2005** "A quoi servent (encore) les historiens de l'architecture ?" page Horizon, *Le Moniteur*, February 11, p. 378, n°5281.
- 2002** "Restauration et restructuration de l'usine Van Nelle à Rotterdam", *Docomomo France Bulletin*, n°7, June, p. 3-5
- 2001-2002** *Domestic heating history and lighting history*, for *Architecture A Vivre*, n°5, 6, 7, 8,
- 1992-1994** *Histoire du chauffage*, 7 papers for *Energies* newspapers for the district heating firm Cofreth (Elyo)