

EUROPEAN CURRICULUM VITAE FORMAT



PERSONAL INFORMATION

Name

ANTONELLA FRIGERIO

Address

Telephone

E-mail

Nationality

Italia

Date of birth

WORK EXPERIENCE

• Dates

• Name and address of employer

• Type of business or sector

• Occupation or position held

• Main activities and responsibilities

2019 – TO DATE

RSE S.p.A., 54, Via Rubattino, 20134, Milan, Italy

Energy Research Center

Project manager and from August 2019 Deputy Director of the Sustainable Development and Energy Sources Department

From 2019 I was in charge of the Research Project “*Modelli e strumenti di intervento per la difesa, la sicurezza e la resilienza delle reti*”, funded by the Ministero dello Sviluppo Economico.

• Dates

• Name and address of employer

• Type of business or sector

• Occupation or position held

• Main activities and responsibilities

2012 – 2018

RSE S.p.A., 54, Via Rubattino, 20134, Milan, Italy

Energy Research Center

Project manager

From 2012 to 2014 I was in charge of the Research Project “*Evoluzione e sviluppo del sistema elettrico nazionale*”, funded by the Ministero dello Sviluppo Economico.

From 2015 to 2018 I was in charge of the Research Projects “*Evoluzione e sviluppo della rete di trasmissione*”, “*Sicurezza e vulnerabilità del sistema elettrico*”, funded by the Ministero dello Sviluppo Economico.

From 2016 to 2018 I was in charge of the Research Projects “*Analisi e scenari elettrici, energetici, ambientali*”, funded by the Ministero dello Sviluppo Economico.

The “*Evoluzione e sviluppo della rete di trasmissione*” Research Project is related to the development of the pan-European transmission grid in order to achieve the objectives of sustainability, security and competitiveness that the European Commission is setting out in the Integrated Strategic Energy Technology (SET) Plan and in the Energy Union Package.

The “*Sicurezza e vulnerabilità del sistema elettrico*” Research Project is related to the resilience of the pan-European electric system with respect to internal and external phenomena. The most critical investigated issues are the interdependencies between power grid areas of different countries, the greater variability of operating conditions, the uncertainties correlated to the forecast of energy production and loads and the intensification of meteorological and environmental phenomena due to climate changes that cause every year great economic losses.

The “*Analisi e scenari elettrici, energetici, ambientali*” Research Project is evaluating the new

European program 2030 "Climate and Energy" in order to support the Italian Government from a scientific technical point of view in the interactions with the European Commission in view of future engagements.

Assessment of the penstocks of the hydroelectric power plants of Cardano, Lasa and Marleno (Italy).

Numerical Finite Element modelling of the partial demolition of Beaugard dam, subject to a Deep-Seated Gravitational Slope Deformation (DSGSD) on the left bank, to guarantee its long-term safety operation.

- Dates

- Name and address of employer
 - Type of business or sector
 - Occupation or position held
- Main activities and responsibilities

2010 - 2012

RSE S.p.A., 54, Via Rubattino, 20134, Milan, Italy

Energy Research Center

Senior manager, Project Leader

Evaluation by means of Finite Element analyses of the damage that the fall of a rock masses could cause on Place Moulin and Cignana dam to support CVA in the planning of intervention for the safety of two dams. Evaluation of the waves propagation and run-up along the upstream face of Cignana dam due to the falling of rocks into the water basin.

Evaluation by means of time-domain seismic numerical analyses of the hydrodynamic pressures acting - in case of seismic events - on the new Zagreb container terminal pier construction, that will be built in the Port of Rijeka (Croatia).

Evaluation, with the support of a geographical information analysis tool (GIS), of the additional storage capacity achievable in Italy, both through the construction of new reservoirs and the rehabilitation and full utilization of existing ones. According to the latest developments of sea water pumping systems, potential sites along the Italian shoreline have been identified as well. Static testing of the new headquarters of RSE located in Piacenza (Italy).

- Dates

- Name and address of employer
 - Type of business or sector
 - Occupation or position held
- Main activities and responsibilities

2009 - 2010

ERSE S.p.A. (former CESI RICERCA), 54, Via Rubattino, 20134, Milan, Italy

Energy Research Center

Project manager

Implementation of the elastic behaviour of the Microplane Model for concrete within COMSOL.

- Dates

- Name and address of employer
 - Type of business or sector
 - Occupation or position held
- Main activities and responsibilities

2006 - 2009

CESI RICERCA S.p.A., 54, Via Rubattino, 20134, Milan, Italy

Energy Research Center

Senior Engineer, Project Leader

Evaluation of the thermo-mechanical phenomena occurring in a concrete arch dam during its construction.

Implementation of a new optimisation algorithm (Coupled Local Minimizers Method) within the HISTRIDE identification process, which is based on modal analyses and the Finite Element Method.

Evaluation of the large-scale deformation pattern of a small hollow sphere, made of plastic materials, to avoid the nucleation of passing cracks through its thickness (the sphere contains a soluble salts residuals, wasted by coal power plants, which must no come into contact with water).

Evaluation of the stress pattern of the major turbine components related to low cycle fatigue due to thermal cycling during start-up and shut-down and to creep fatigue due to pressure or centrifugal forces during steady state operation.

- Dates

- Name and address of employer
 - Type of business or sector
 - Occupation or position held
- Main activities and responsibilities

2002 - 2005

CESI S.p.A., 54, Via Rubattino, 20134, Milan, Italy

Consultant Company on the electricity field

Senior Engineer

Static, dynamic and identification Finite Element analyses on concrete dams, a lock gate, cooling towers, a chimney of a power plant, a super-conducting fault current limiter prototype.

- Dates
- Name and address of employer
 - Type of business or sector
 - Occupation or position held
- Main activities and responsibilities

2000 - 2002

ENEL.Hydro S.p.A., 6, Via Pozzobonelli, 20162, Milan, Italy
 Energy Research Center
 Junior Engineer

Validation and application of an identification environment based on modal analyses and the Finite Element Method (HISTRIDE ESPRIT Project 28249).

Evaluation of some non-linear constitutive laws to model the pull-out tests of special types of anchorages installed in normal and high performance concrete blocks (ANCHR BRITE PROJECT N° BE 97-4199).

- Dates
- Name and address of employer
 - Type of business or sector
 - Occupation or position held
- Main activities and responsibilities

1999 - 2000

ENEL.Hydro S.p.A., 6, Via Pozzobonelli, 20162, Milan, Italy
 Energy Research Center
 Consultant

Finite Element analyses on concrete dams subjected to static, dynamic and thermal loads.

EDUCATION

- Dates
- Name and type of organisation providing education and training
- Principal subjects/occupational skills covered
 - Title of qualification awarded

1993 - 1999

Politecnico di Milano, Italy

Civil Engineering

Doctor's Degree

TRAINING

- Dates
- Name and type of organisation providing education and training
 - Subjects/occupational skills covered

2017

Gruppo Galgano – Milan, Italy

Project Managemet

- Dates
- Name and type of organisation providing education and training
 - Subjects/occupational skills covered

2013

RSE S.p.A.

Time Managemet

- Dates
- Name and type of organisation providing education and training
 - Subjects/occupational skills covered

2007

Organized by "Fondazione Politecnico di Milano", "Il Borgo della Conoscenza", "MIP – Consortium for Innovation in Management" and "TILS – Telecom Italia Learning Services"
 Sustainable strategies and programmes for energy and environmental managemet

- Dates
- Name and type of organisation providing education and training
 - Subjects/occupational skills covered

2005

A short course taught by Thomas J. R. Hughes and Ted Belytschko – Paris (France)

Nonlinear Finite Element Analysis

- Dates
- Name and type of organisation

2004

International Centre for Mechanical Sciences (CISM) – Udine, Italy

providing education and training

- Subjects/occupational skills covered

Structural safety assessment of dams

LANGUAGES SKILLS

MOTHER TONGUE

Italian

OTHER LANGUAGES

English (Reading: good; Writing: good; Verbal: good)

French (Reading: sufficient; Writing: sufficient; Verbal: sufficient)

MEMBERSHIP IN PROFESSIONAL AND TECHNICAL ASSOCIATIONS

- Dates
- Name and type of Association

From 2014 – TO DATE

I'm in charge of the ITCOLD Working Group "*Comportamento, problemi, riabilitazioni di dighe a gravità alleggerita o a speroni*"

- Dates
- Name and type of Association

2014 – TO DATE

Professional Association of Engineers of Milano Province (Italy),
Registration number: A25408

- Dates
- Name and type of Association

2014 – 2016

RILEM - International Union of Laboratories and Experts in Costrution Materials, System and Structures

- Dates
- Name and type of Association

2010 - 2013

Professional Association of Engineers of Como Province (Italy),
Registration number: 2080A

ANNEXES

- 1) MAIN WORKS LIST
- 2) PUBBLICATIONS LIST

ANNEX 1**MAIN WORKS LIST**

- Dates 2017-2018
- Project Safety assessment of Cignana Dam
- Clients C.V.A. S.p.A. Compagnia Valdostana delle Acque
- Location Italy
- Position Senior Engineer; Project Leader
- Duties Numerical modelling of the damage caused by a rock fall on the concrete face of the dam of Cignana and evaluation of possible mitigation works

- Dates 2018-2019
- Project Assessment of penstocks system of the hydroelectric power plant of Lasa and Marleno
- Clients Alperia Green Power Company
- Location Italy
- Position Senior Engineer; Project Leader
- Duties Assessment of the geologic, hydraulic, structural and risk assessment analyses and of the material testing

- Dates 2016-2017
- Project Assessment of penstocks system of the hydroelectric power plant of Cardano
- Clients Alperia Green Power Company
- Location Italy
- Position Senior Engineer; Project Leader
- Duties Assessment of the geologic, hydraulic, structural and risk assessment analyses and of the material testing

- Dates 2005-2016
- Project Numerical Finite Element modelling of the partial demolition of Beauregard dam
- Clients C.V.A. S.p.A. Compagnia Valdostana delle Acque
- Location Italy
- Position Senior Engineer; Project Leader
- Duties Numerical analyses to assess the safety condition of the dam and to support the designer in the definition of the rehabilitation works

- Dates 2015
- Project Modelling of rock fall on the dam of Place Moulin
- Clients C.V.A. S.p.A. Compagnia Valdostana delle Acque
- Location Italy
- Position Senior Engineer; Project Leader
- Duties Numerical modelling of the damage caused by a rock fall on the dam of Place Moulin

- Dates 2015
- Project New headquarters of RSE located in Piacenza (Italy)
- Clients RSE S.p.A.
- Location Italy
- Position Static tester
- Duties Static testing of the new headquarters of RSE

- Dates 2014-2015
- Project Numerical modelling to support the design of the new dam of Ceppo Morelli
- Clients EDISON S.p.A.
- Location Italy
- Position Senior Engineer; Project Leader
- Duties Numerical modelling of the interaction between the old and new dam of Ceppo Morelli

• Dates	2013
• Project	Static and seismic numerical analyses of the new Zagreb terminal piers
Clients	Grandi Lavori FINCOSIT
Location	Rijeka, Croatia
Position	Senior Engineer; Project Leader
Duties	Numerical modelling of the hydrodynamic effects on the piers deck system due to seismic loadings
• Dates	2012-2013
• Project	Safety assessment of Zolezzi dam after rehabilitation works
Clients	ING C. Marcello srl
Location	Italy
Position	Senior Engineer; Project Leader
Duties	Finite Element analyses
• Dates	2010-2011
• Project	Studies on potential renewable energy developments
Clients	Italian Ministry of Economic Development (MISE)
Location	Italy
Position	Task Leader
Duties	Assessment of the residual Pumped Hydro capacity in Italy
• Dates	2009-2010
• Project	Studies on potential renewable energy developments
Clients	Italian Ministry of Economic Development (MISE)
Location	Italy
Position	Task Leader
Duties	Implementation of the elastic behaviour of the Microplane Model for concrete within COMSOL
• Dates	2007-2009
• Project	Generation and energy sources - Flexibility and reliability of combined cycle plants
Clients	Italian Ministry of Economic Development (MISE)
Location	Italy
Position	Senior Engineer
Duties	Evaluation of the stress pattern of the major turbine components related to low cycle fatigue due to thermal cycling during start-up and shut-down and to creep fatigue due to pressure or centrifugal forces during steady state operation
• Dates	2007-2008
• Project	Generation and energy sources - Safety of Italian hydroelectric basins and optimal use of water resources
Clients	Italian Ministry of Economic Development (MISE)
Location	Italy
Position	Task Leader
Duties	Simulation of the construction phases of a thin arch dam considering the development of the hydration heat after castings, and the successive concrete hardening
• Dates	2006-2007
• Project	Generation and energy sources – Work Package 2.1
Clients	Italian Ministry of Economic Development (MISE)
Location	Italy
Position	Senior Engineer
Duties	Evaluation of the large-scale deformation pattern of a small hollow sphere, made of plastic

materials, to avoid the nucleation of passing cracks through its thickness (the sphere contains a soluble salts residuals, wasted by coal power plants, which must no come into contact with water)

• Dates	2006-2007
• Project	Generation and energy sources – Work Package 6.1
Clients	Italian Ministry of Economic Development (MISE)
Location	Italy
Position	Task Leader
Duties	Implementation of a new optimisation algorithm (Coupled Local Minimizers Method) within the HISTRIDE identification process, which is based on modal analyses and the Finite Element Method
• Dates	2005
• Project	Numerical analysis to support the design of restoration work on the Santa Barbara cooling towers
Clients	ENEL Produzione
Location	Italy
Position	Project Leader
Duties	Finite Element analyses
• Dates	2004-2005
• Project	SISSET/SIDI/WP1/M1.8/HISTRIDE Research Project
Clients	Italian Ministry of Economic Development (MISE)
Location	Structural identification methodologies applied to masonry dams
Position	Task leader
Duties	Implementation of the Local Minimizers Algorithm in the HISTRIDE identification process
• Dates	2004
• Project	Seismic safety assessment of Valla dam
Clients	ING C. Marcello srl
Location	Italy
Position	Junior Engineer
Duties	Finite Element analyses
• Dates	2004
• Project	Thermo-mechanical effects occurring in Ambiesta dam during its construction
Clients	EDISON S.p.A.
Location	Italy
Position	Junior Engineer
Duties	Finite Element analyses
• Dates	2003
• Project	Piana degli Albanesi Dam: structural response of the metal protection of the upstream face due to thermal loads
Clients	ENEL Produzione
Location	Italy
Position	Junior Engineer
Duties	Finite Element analyses
• Dates	2002
• Project	Grid Resources for Industrial Applications
Clients	GRIA Contract - IST - 2001 - 33240
Location	European Union

Position	Task Leader
Duties	Development of a Business model, based on the Quality of Service, with the aim to make available CESI in-house structural codes to third parties on a Grid testbed
• Dates	2001
• Project	Isola Serafini lock gate: numerical analyses to evaluate the effects due to an accidental impact of a barge on a pier and a gate
Clients	ENEL Produzione
Location	Italy
Position	Task Leader
Duties	Finite Element analyses
• Dates	2001
• Project	SISIGEN Project, SESAP - Evaluation and mitigation of effects due to the explosion of electrical equipments
Clients	ENEL
Location	Italy
Position	Junior Engineer
Duties	Development and implementation of an explicit constitutive model to study reinforced concrete structures, subjected to any load history, such as not radial load or cyclic load
• Dates	2000-2001
• Project	ANCHR: anchorages in normal and high performance concrete subjected to medium and high strain rates
Clients	BRITE Project n. BE-4199
Location	European Union
Position	Junior Engineer
Duties	Evaluation of non-linear constitutive models for anchorage in normal and high performance concrete, subjected to medium and high strain rates
• Dates	2000-2001
• Project	HISTRIDE: a High-performance STRuctural Identification Environment
Clients	Esprit Project n. 28249
Location	European Union
Position	Junior Engineer
Duties	Validation and application of an identification environment in dynamic: signal analyses, complex modal identification analyses, optimisation of measurement points, application on experimental cases
• Dates	1999
• Project	Gusana dam: static, dynamic and thermal analyses
Clients	ENEL Produzione
Location	Italy
Position	Consultant
Duties	Finite element analyses

ANNEX 2**PUBLICATIONS LIST**

- [1] Frigerio Antonella, Mazza´ Guido, Thermal cracking of a thin concrete arch dam.14th ICOLD Benchmark Workshop, Stockholm, Sweden, 6-8 September, 2017
- [2] Fanelli Michele, Frigerio Antonella, Mazza´ Guido, Mitigate the hydro-geological risk interconnecting reservoirs. 85th ICOLD Annual Meeting, Prague, Czech Republic, 3-7 July, 2017
- [3] Frigerio Antonella, Mazza´ Guido, "Assessment of the relationship between dam owners and host territories: the Italian experience", 84th ICOLD Annual Meeting, Johannesburg (South Africa), 15-20 May 2016
- [4] Frigerio Antonella, "WILD WOLF Sistema di monitoraggio, previsione e allerta per le reti di Trasmissione e Distribuzione", Ricerca di Sistema, Il contributo di RSE alla Strategia Energetica Europea, Milan (Italy), 29 February 2016
- [5] Frigerio Antonella, Mazza´ Guido, "Insegnamenti appresi dalla rottura di dighe. Miglioramento dei criteri di sicurezza e ricadute sulle normative", Molare 1935-2015: il Vajont dimenticato delle Alpi Liguri, Ovada (Italy), 25-26 September 2015
- [6] Frigerio Antonella, Lacavalla Matteo, Marcacci Pietro, "Forecasting and monitoring wet-snow sleeve on overhead power lines in Italy", EESMS-IEEE Workshop on Environmental, Energy and Structural Monitoring Systems, Trento (Italy), 9-10 July 2015
- [7] Frigerio Antonella, Mazza´ Guido, Artaz Lorenzo, Canella Giovanni, Martinotti Giorgio, Marcello Carlo, Meda Paolo, "Partial demolition of Beaugard Dam by blasting to guarantee its life extension", 83rd ICOLD Annual Meeting and 25th Congress, Stavanger (Norway), 13-20 June 2015
- [8] Frigerio Antonella, Faggiani Giorgia, Mazza´ Guido, Mancusi Leonardo, Masarati Piero Carlo Maria, Meghella Massimo, "Modellazione numerica e programmi di calcolo nell'ingegneria delle dighe: l'attività del comitato tecnico ICOLD "Computational aspects of dam analysis and design"", Giornate AICAP 2014 Strutture nel tessuto urbano - Progetto e realizzazione del nuovo e di interventi sull'esistente, Bergamo (Italy), 22-24 Maggio 2014
- [9] Frigerio Antonella, Mazza´ Guido, "Benefici e problemi associati alla presenza dei serbatoi artificiali sul territorio - Risultati dell'indagine", Dighe e Territorio, Bozen (Italy), 15-16 May 2014
- [10] Frigerio Antonella, Meghella Massimo, "Assessing the residual hydropower storage capacity in Italy. A new challenge toward the achievement of 2020 European energy targets", 9th ICOLD European Club Symposium - Sharing experience for safe and sustainable water storage, Venice (Italy), 10-12 April 2013
- [11] Frigerio Antonella, Mazza´ Guido, "A Concrete Arch Dam under Seismic Loading Conditions", European COMSOL Conference, Rotterdam (The Netherlands), 23-25 October 2013
- [12] Frigerio Antonella, Mazza´ Guido, "The Seismic behaviour of an Arch Dam-Reservoir-Foundation System", 12th ICOLD International Benchmark Workshop on Numerical Analysis of Dams, Graz (Austria), 2-4 October 2013
- [13] Frigerio Antonella, "The Non Linear Behavior of the Microplane Model in COMSOL", COMSOL Conference Europe 2012, Milan (Italy), 10-12 October 2012
- [14] Frigerio Antonella, "The Microplane Model for Concrete in COMSOL", COMSOL User Conference, Stuttgart (Germany), 26-28 October 2011
- [15] Frigerio Antonella, Faggiani Giorgia, Masarati Piero Carlo Maria, Meghella Massimo, "Finite element modelling of concrete swelling effects on Kariba dam", XI ICOLD Benchmark Workshop on Numerical Analysis of Dams, Valencia (Spain), 20-21 October 2011
- [16] Frigerio Antonella, Faggiani Giorgia, Masarati Piero Carlo Maria, Meghella Massimo, "Sliding failure probability estimation of a concrete gravity dam", XI ICOLD Benchmark Workshop on Numerical Analysis of Dams, Valencia (Spain), 20-21 October 2011
- [17] Frigerio Antonella, Mazza´ Guido, Meghella Massimo, Michele Fanelli, "Il contributo del Comitato ICOLD "Computational aspect of dam analysis and design" per la diffusione delle conoscenze nel campo della modellistica numerica", ITCOLD - Comitato Italiano Grandi Dighe. La salvaguardia dei serbatoi, Rome (Italy), 28 October 2010

- [18] Frigerio Antonella, Mazza' Guido, "The hydropower in the frame of the national energetic policy", ITCOLD - Comitato Italiano Grandi Dighe. La salvaguardia dei serbatoi, Rome (Italy), 28 October 2010
- [19] Frigerio Antonella, Garofalo Elisabetta, Mazza' Guido, Meghella Massimo, Luca Fantacci, Luigi Doria, "Assessment of Social and Environmental Impact Management of Large Dams in Italy", 8th ICOLD European Club Symposium, Innsbruck (Austria), 22-23 September 2010
- [20] Frigerio Antonella, Mazza' Guido, "Hydropower in the frame of the national energetic policy", Politecnico di Milano - Progetto Interuniversitario PRIN relativo a problematiche di diagnostica delle dighe, Milan (Italy), 7 June 2010
- [21] Frigerio Antonella, Canevese Silvia Maria, Casamassima Vincenzo, Cavaliere Angelo, Guagliardi Giuseppe Antonio, Emilio Viganò, "Dynamic simulation for combined-cycle power plant cycling operation", Automazione e Strumentazione, February 2010 Year LVIII N. 2, Milan (Italy), 2010
- [22] Frigerio Antonella, Canevese Silvia Maria, Casamassima Vincenzo, Cavaliere Angelo, Guagliardi Giuseppe Antonio, Emilio Viganò, "Dynamic simulation techniques for combined-cycle power plant cycling operation", ANIPLA-Operator Training Simulator e Simulazione Dinamica - Progettare e imparare per il futuro, San Donato Milanese (Italy), 10 November 2009
- [23] Frigerio Antonella, Mazza' Guido, Francesco Chillé, "Structural Study of thermal effects occurring in a concrete arch dam during its construction", 2nd International Conference on Long Term Behaviour of Dams (LTBD09), Graz (Austria), 12-13 October 2009
- [24] Frigerio Antonella, Mazza' Guido, Aldo Marcello, "Case histories: a worldwide view" , Dam-break Problems, Solutions and Case Studies Editor D. de Wrachien (Università di Milano), S. Mambretti (Politecnico di Milano) (WIT PRESS), UK, 2009
- [25] Frigerio Antonella, Masarati Piero Carlo Maria, Meghella Massimo, "Simulation of the thermo-mechanical effects occurring during the construction phases of a concrete arch dam", 10th International Benchmark Workshop on Numerical Analysis of Dams, Paris (France), 16-18 September 2009
- [26] Frigerio Antonella, Bon Elia Giuseppe, Bruno Giuseppe, "Structural modal identification analyses of a Finite Element model based on a global optimization method", 8th World Congress on Structural and Multidisciplinary Optimization , Lisbon (Portugal) 1-5 June 2009
- [27] Frigerio Antonella, Mazza' Guido, "AAR research activities: Ricerca di Sistema, RILEM Bulletins & ICOLD Benchmarks", PRIN_07 TC-ACS-M, Milan (Italy), 3 December 2008
- [28] Frigerio Antonella, Mazza' Guido, "CESI RICERCA's numerical modeling of dams affected by ASR: two case-studies", Laboratoire Central des Points et Chaussées (LCPC) - RILEM TC-ACS-M, Paris (France), 17-18 November 2008
- [29] Frigerio Antonella, Mazza' Guido, "CESI RICERCA's numerical modeling of dams affected by ASR: two case studies", ICOLD Workshop - Chemical expansion of concrete in dams and hydro plants , Granada (Spain), 18-19 October 2007
- [30] Frigerio Antonella, Bon Elia Giuseppe, Mazza' Guido, "HISTRIDE: a structural modal identification process based on the Finite Element method " , Scientific Bulletin TUCEB - Bucharest (Romania), 20 July 2007
- [30] Frigerio Antonella, "HISTRIDE - A software environment for the diagnosis of large dams via modal identification", 5th International Conference on DAM ENGINEERING, Lisbon (Portugal), 14-16 February 2007
- [30] Frigerio Antonella, Giovanni Barla, Sergio Ballatore, Antonella Chiappone, "The Beauregard dam (Italy) and the deep-seated gravitational deformation on the left slope", Hydropower 2006 International Conference, Kunming (Cina) 23-25 October 2006
- [30] Frigerio Antonella, Bon Elia Giuseppe, Mazza' Guido, "Histride: an integrated software environment for dynamic structural identification" , III European Conference on Computational Mechanics - Solids, Structures and Coupled Problems in Engineering - C.A. Mota Soares et al. (eds.), Lisbon, Portugal, 2006
- [30] Frigerio Antonella, Bettinali Franco, Noemi Emanuela Cazzaniga, Livio Pinto, "Structural monitoring with GPS and accelerometers: the chimney of the power plant in Piacenza, Italy", 3

- IAG Symposium on Geodesy for geotechnical and structural engineering, Baden (Austria), 2006
- [30] Frigerio Antonella, "La diagnostica strutturale basata sul metodo dell'identificazione dinamica", Laurea Magistrale in Architettura delle Costruzioni - Seminario del corso di strutture Milano, Italia, 2006
- [30] Frigerio Antonella "La diagnostica strutturale basata sul metodo dell'identificazione dinamica" , Metodi di calcolo dell'ingegneria strutturale (XVI Edizione): Caratterizzazione meccanica dei materiali strutturali e diagnosi di danni nelle strutture - Politecnico di Milano, Milan (Italy), 14-18 November 2005
- [30] Frigerio Antonella, "Safety assessment of an arch dam", 16th Italian ABAQUS Users' Meeting, Milan (Italy), 2005
- [30] Frigerio Antonella, "Identificazione strutturale dinamica", Metodi di calcolo dell'ingegneria strutturale (XV Edizione): Analisi lineari e non lineari in dinamica delle strutture - Politecnico di Milano, Milan (Italy), 5-9 July 2004
- [30] Frigerio Antonella, Bolognini Luca, "Large structures diagnosis via dynamic identification. The use of the integrated software environment Histride", Appel magazine - March 2001
- [40] Frigerio Antonella, Bolognini Luca, "Histride: ambiente software integrato per l'identificazione strutturale dinamica" , STREMAH 2001 – 7th International Conference on Structural Studies: Repairs and Maintenance, Bologna (Italy), 2001
- [41] A. Frigerio "Histride: un ambiente software integrato per l'identificazione strutturale dinamica", Corso di Aggiornamento: Metodi di calcolo nell'ingegneria strutturale: danneggiamento e frattura nelle strutture; Politecnico di Milano, Milan (Italy), 16-20 July 2001
- [42] Frigerio Antonella, Bolognini Luca, "Histride: ambiente software integrato per l'identificazione strutturale dinamica", A&C Analisi e Calcolo, Anno II - n.: 5 April-June 2001