


CURRICULUM VITAE – Luisa Giuliani

PERSONAL INFORMATION

Name	Luisa Giuliani	
Nationality	Italian	
Address	H.P. Ørums Gade 45 2100 København Ø, Denmark	
Mobile phone	+45 52749231	
Professional qualification	Structural Engineer, Ph.D., P.E	
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CURRENT EMPLOYMENT

Position	Associate Professor at the Section of Building Design, Department of Civil Engineering, Technical University of Denmark
Institute	Technical University of Denmark (DTU), Civil Engineering Department (DTU-BYG), Section for Building Design (BD)
Address	Brovej 118, 2800 - Kgs. Lyngby, Denmark
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RESPONSIBILITIES AND OCCUPATION

Teaching	Teaching courses in the M.Sc. program and in the MiB professional master education on fire safety; supervision of students, thesis advisory.
Research	Publication and dissemination, fund raising

AREA OF EXPERTISE	
Structural fire safety	Structural fire safety design and performance-based fire design of buildings. Modeling of fire action and heat transfer. Modeling of the structural response of steel and concrete structures to fire. Fire induced collapses of buildings.
Integrity and resilience	Structural integrity against accidental actions (fire, impact, explosion). Structural robustness and progressive collapses of bridges and buildings. Numerical modeling of nonlinear structural response.
EDUCATION AND QUALIFICATIONS	
Oct 2013	Pedagogic Training Qualification Education in University Teaching (UDTU), Technical University of Denmark, consisting in 4 course module for a total of 250 hours of activity, corresponding to 12 ECTS.
Apr 2009	Ph.D. in Structural Engineering, Sapienza University of Rome, Italy. Title of dissertation: "Structural integrity: robustness assessment and progressive collapse susceptibility". Supervisor: Prof. Franco Bontempi, Sapienza University of Rome, Italy. Co-supervisor: Prof. Uwe Starossek, Technical University of Hamburg, Germany.
Nov 2005	Registered Professional Engineer in Rome for the following engineering fields: civil and environmental engineering, industrial engineering, information technology engineering.
May 2005	Master degree in Civil Engineering at Sapienza University of Rome, grade 108/110. Title of the thesis: "The role of continuity in progressive collapses: behaviour of the A. P. Murrah federal building in Oklahoma City" (in Italian). Advisor: Prof. F. Bontempi.
PREVIOUS OCCUPATION	
Aug 2009 – Apr 2010	Post-doc on structural fire safety at the Technical University of Denmark, Civil Engineering Department, Section for Building Design.
Mar 2009 – Feb 2010	Responsible of the course "Static and Theory of Structures", Faculty of Architecture, Sapienza University of Rome, Italy.
Mar 2008 – Dec 2008	Consultant for Styl-Comp for the development of a program for the verification of connections of precast elements.
June 2007 – Dec 2007	Consultant for Styl-Comp for the development of a program for the verification of precast elements.
Nov 2005 – Oct 2008	Ph.D. student in Structural Engineering at the Structural and Geotechnical Engineering Department of Sapienza University of Rome, Italy.

INTERNATIONAL EXPERIENCE

Apr 2009 - Oct 2009	Guest PhD at the Institute of Structural Analysis and Steel Structures, Hamburg University of Technology (TUHH), Germany, under the supervision of Prof. U. Starossek.
Nov 2005 - Oct 2009	Ph.D. studies at the Structural and Geotechnical Engineering Department of Sapienza University of Rome, Italy, under the supervision of Prof. Franco Bontempi.
Nov 2004 – May 2004	Visiting student at the Institute of Structural Analysis and Steel Structures, Hamburg University of Technology (TUHH), Germany, for the preparation of the M.Sc. thesis, under the supervision of Dr. M. Wolff.
May 1999 - Oct 1999	Erasmus student at the “Technische Universitaet Carolo Wilhelmina”, Braunschweig, Germany, 38 ECTS points credited.

TEACHING EXPERIENCE

2015	Lecturer in the course 62325 “Den modern commune” (The modern municipality, taught in Danish), Diploma graduate education, Ballerup Campus, Technical University of Denmark.
2011 - 2017	Responsible and lecturer in the course 11B12 “Brandmodellering” (CAD Fire), Master in Fire Safety (MiB), Technical University of Denmark, Lyngby Campus. Lecturer in the course 11B01 “Structural Fire Safety Design” (Konstruktionsbrandteknik), responsible Prof. K. Hertz, Professional Master in Fire Safety (MiB), Technical University of Denmark, Lyngby Campus.
2009 - 2017	Lecturer in the course 11023 “Structural Fire Safety Design” (Konstruktionsbrandteknik), responsible Prof. K. Hertz, M.Sc. in Civil Engineering, Technical University of Denmark, Lyngby Campus. Teaching and project review activities in the course 11080 “Advanced Building Design”, responsible Prof. J. Karlshøj, M.Sc in Civil Engineering, Technical University of Denmark, Lyngby Campus.
2009 - 2010	Lecturer and responsible of the course “Statica e teoria delle strutture” (Statics and structural analysis), B.Sc., School of Architecture, Sapienza University of Rome, Italy.
2008-2008	Teaching and project review in the course “Progettazione strutturale antincendio” (Structural fire design), responsible Prof. Bontempi and Mauro Caciolai, B.Sc. in Safety and Protection Engineering, Sapienza University of Rome, Italy

2006 - 2009 Teaching and project review in the course “Costruzioni metalliche” (Advanced steel design), responsible Prof. Bontempi, M.Sc. in Civil Engineering, Sapienza University of Rome.

2006 - 2008 Teaching and project review in the course “Strutture prefabbricate” (Precast Structures), responsible Prof. Bontempi, M.Sc. of Science in Civil Engineering Education, Sapienza University of Rome

PHD AND POST GRAD SUPERVISION

Mar 2010 – Mar 2013 Co-supervision of a Ph.D. project on Multiphysics modeling for the safety assessment of complex structural system under fire, Ph.D. program in structural Engineering, Sapienza University of Rome. Ph.D. St. F. Gentili, main supervisor Prof. F. Bontempi.

Feb 2012 - Apr 2012 Supervision of Josephine Carstensen, working as researcher at DTU on the topic of fire resistance of concrete slabs.

Feb 2011 - Mar 2011 Supervision of Iwona Budny, working as researcher at DTU on the collapse mode of steel frames in fire.

SUPERVISION OF THESIS PROJECTS

2010 - 2017 Advisor of 27 M.Sc. thesis projects (30 ECTS points) on the topic of structural fire safety, topology optimization, and FE modeling for the Master of Science in Civil Engineering, Technical University of Denmark.

2010 - 2017 Advisor of 20 thesis projects (15 ECTS points) for the Master Education in Fire Safety, Technical University of Denmark on the topic of structural fire safety and fire modelling.

2006 - 2009 Co-advisor of 12 M.Sc. and B.Sc. thesis projects at the Faculty of Engineering, University of Rome “La Sapienza”, main advisor Prof. F. Bontempi, on the topics of: linear and nonlinear analysis of steel and concrete structures, modeling of real behavior of precast elements, gridwork and trusswork models, FEM modeling and collapse investigations of structures.

SEMINARS AND INVITED TALKS

January 2015 Invited talk on “The interdisciplinary aspect on resilience research: Experience from Android project”, Baltic Symposium on Societal Resilience, Riga Technical University, Āzenes Str. 18, Riga, Latvia.

October 2012 Lecture on “Structural fire safety of steel structures” in the course on Advanced Steel Structures (Costruzioni Metalliche), of the MSc in Civil Engineering at Sapienza University of Rome

May 2011	Lecture on “Design for fully developed fire and advanced modeling of structural response to fire” in the Ph.D. course: “Performance-based design of steel structures in case of fire”, responsible Prof. O. Bursi, Mechanical and Structural Engineering Department, Trento University, 6 May 2011
March 2011	Lecture on “Structural modeling in case of fire” in the course “Fire safety design of steel structures”, Sapienza University of Rome, 4 March, 2011
November 2010	Invited talk “Dealing with exceptions in structural design: structural safety in case of fire, explosion and other failures” at the BRE Centre for Fire Safety Engineering, Institute for Infrastructure and Environment, School of Engineering, University of Edinburgh, 9 November 2010.
November 2007	Seminar at the Baustatik und Stahlbau Department “Toward structural robustness assessment”, Hamburg University of Technology (TUHH), Germany, November

ORGANIZATION OF CONFERENCES

April. 2018 - present	Member of the scientific committee of the Nordic Steel Construction Conference 2019 (NordicSteel2019), 18-20 September, Copenhagen, DK (www.NordicSteel2019.dk)
Feb 2012 - Sept 2013	Member of the International Advisory Board of the 7 th International Conference on Structural Engineering, Mechanics and Computation (SEMC10), Cape Town, South Africa, 2-4 September 2019.
Sept. 2016 - present	Member of the scientific committee of the Nordic Fire & Safety Days (NFSD’17, NFSD’18) Member of the Nordic Fire & Safety Day consortium.
Sept. 2014 – June 2015	Member of the organization committee of the 5 th national conference Fire Safety Day (FSD2015), Technical University of Denmark, Lyngby, 9 June 2015. Chairing of the session “Structural Fire Safety”.
Feb 2012 - Sept 2013	Member of the International Advisory Board of the 5 th International Conference on Structural Engineering, Mechanics and Computation (SEMC13), Cape Town, South Africa, 2-4 September 2013. Organizer of a special session on “The role of collapse safety in the design of sustainable structures” (SS16).
April 2013	Chairing of the session “Structure on Fire” at the 3 rd national conference Fire Safety Day (FSD2013), Technical University of Denmark, Lyngby, 17 April 2013.

Mar 2011 - July 2012	Member of the National Organizing Committee of the 6 th International Conference on Bridge Maintenance, Safety and Management (IABMAS12), Lake Maggiore, Italy, 8-12 July 2012. Organization and chairing of a special session on “Vulnerability of bridges to fire and explosions” (SS05).
September 2010	Organization and chairing of a special session on “Fire Safety Engineering” (W1F) in the 4 th International conference on Structural Engineering, Mechanics and Computation (SEMC10), Cape Town, South Africa, 6-8 September 2010.
November 2008	Member of the Organizing Committee of the 1 st National Conference Handling Exceptions in structural engineering (HE10), Roma, Italy, 13-14 November, 2008.
July 2008	Chairing of the session “Industrial Applications I” of the 5 th European Congress on Computational Methods in Applied Sciences and Engineering (ECCOMAS 2008), Venice, Italy, 30 June - 4 July 2008.

LIST OF PUBLICATIONS

WoS: 11 publications with 6 total citations - hindex = 2
Scopus: 21 publications with 18 total citations - hindex = 6

International journals	<p>Hertz K.D., Jomaas G., Sørensen L.S., Giuliani L.: Fire resistance of car park structures in steel, submitted for publication to Fire Safety Journal (FSJ) in May 2018 (under review)</p> <p>Izardifad R.A., Hajikarimian H., Giuliani L. (2018): Progressive collapse of steel moment frame subjected to post-earthquake fire, Iranian Journal of Science and Technology-Transaction in Civil Engineering (IJSTTCE), published online on June 15 2018 (https://doi.org/10.1007/s40996-018-0104-5)</p> <p>Lucherini A., Giuliani L., Grunde J. (2017): “Experimental study of the performance of intumescent coatings exposed to standard and non-standard fire conditions, Fire Safety Journal, Volume 95, pg. 42-50, 2017.</p> <p>Tomas J., Varvara Z., Giuliani L.: “Post-earthquake fire resistance of steel buildings”, Journal of Constructional Steel Research, v.138, pg. 774-782, 2017.</p> <p>Hertz K.D, Giuliani L., Sørensen L.S.: Fire resistance of extruded hollow-core slabs, Journal of Structural Fire Safety, vol 8, no. 3, 2017.</p> <p>Madsen S., Lange N.P., Giuliani L., Jomaas G., Sigmund, O.: “Topology Optimization for Simplified Structural Fire Safety: an alternative way of imposing length scale”, , Engineering Structures 124, 333-343, 2016</p> <p>Giuliani L., Revez A., Sparf, J., Jayasena S., Faber M.: “Social and technological aspects of disaster resilience”, Int. J. of Strategic Property Management International Journal of Strategic Property Management, 20(3), 2016</p>
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Proceedings of
international conference

Giuliani L., Budny I.: "Different design approaches to structural fire safety", Int. J. of Lifecycle Performance Engineering (IJLCPE), col.1, (2), pp.135-158, November 2013

Gentili F, Giuliani L, Bontempi F.: "Effects of combustible stacking in large compartments", J. Structural Fire Engineering (JSFE), vol. 4 (3), pg. 187-205, September, 2013

Gentili F, Giuliani L, Bontempi F.: "Structural response of a steel high rise building to fire: system characteristics and failure mechanisms", J. of Structural Fire Engineering (JSFE), vol. 4 (1), March 2013

Giuliani L.: "Structural safety in case of extreme actions", Int. J. of Life Cycle and Performance Engineering (IJLCPE), vol. 1, (1), pp. 22-40, December 2012

Jørgensen J.D., Nielsen J.H., Giuliani L.: Frame shading widths influence on glazings reaction to fire, proc. of the Nordic Fire & Safety Day 2018, 7-8 June 2018, Trondheim, Norway

Zawadoska A., Giuliani L., Hertz K.D.: Experimental Study on the Mechanical Properties of Fire Exposed Concrete, proc. of the Nordic Fire & Safety Day 2018, 7-8 June 2018, Trondheim, Norway

Risco G.V., Zania V., Giuliani L.: Numerical study on the effect of post-earthquake fires on the resistance of fire-insulated steel frames, proc. of the Nordic Fire & Safety Day 2018, 7-8 June 2018, Trondheim, Norway

Risco G.V., Giuliani L., Varvara Z.: Failure mechanism of steel frames subjected to post-earthquake fire, proc. of the 10th International Conference on Structures in Fire (SiF'08), June 6-8, 2018, Ulster University, Belfast, UK

Lucherini A., Costa, R., Giuliani L., Jomaas G.: Experimental study of the behavior of steel structures protected by different intumescent coatings exposed to various fire scenarios. Proc. of the 9th Int. Conf. on Structures in Fire (SiF'16), Princeton University, USA, 8-10 June 2016

Maron T., Dederichs A., Giuliani L.: "Modelling of fire in an open car park", proc. of the 4th International Conference on Application of Structural Fire Engineering (ASFE'15), 15-16 October 2015, Dubrovnik, Croatia

Giuliani L., Gentili F.: "Performance and damages of R.C. slabs in fire", proc. of the fib Symposium 2015, Copenhagen, Denmark, 18-20 May 2015

Faber M.H., Giuliani L., Revez A., Jayasena S., Sparf J., Mendez J.M.: "Interdisciplinary approach to disaster resilience education and research", *Procedia Economics and Finance* 18, pp. 601-609, 2014, 4th International Conference on Building Resilience (Building Resilience 2014), 8-10 September 2014, Salford Quays, UK.

Samsonov A., Giuliani L., Zania V.: "Soil structure interaction in offshore wind turbine collisions", *proc. of the 9th Int. Conf. on Structural Dynamics (EURODYN14)*, 30 June - 2 July 2014, Porto, Portugal

Ortenzi M., Petrini F., Bontempi F., Giuliani L. (2013). RISE: a method for the design of resilient infrastructures and structures against emergencies, *proc. 11th Int. Conf. on Structural Safety & Reliability (ICOSSAR 2013)*, June 16-20, 2013, New York, NY, USA.

Hertz K., Campeanu M., Giraudo M., Giuliani L.: "Modelling and assessment of the response to fire of super-light elements", *proc. of the 5th Int. Conf. on Structural Engineering, Mechanics and Computation (SEMC13)*, Cape Town, South Africa, 2-4 September 2013

Dondera A., Giuliani, L.: "Fire-induced collapse of steel structures: basic mechanisms and countermeasures", *proc. of the int. conf. Application of Structural Fire Engineering (ASFE)*, Prague, Czech Republic, 18-20 April 2013

Olmati P., Giuliani, L.: "Progressive collapse susceptibility of a long span suspension bridge", *proc. of the 2013 Structure Congress*, Pittsburg, PA, USA, 2-4 May 2013 (in press)

Giuliani L, Crosti C, Gentili F.: "Vulnerability of bridges to fire", *proc. of the 6th Int. Conference on Bridge Maintenance, Safety And Management (IABMAS 2012)*, Session SS05 Vulnerability of bridges to fire and explosions, Stresa, Lake Maggiore, Italy, 8-12 July 2012

Gentili F, Giuliani L, Bontempi F.: "Investigation of fire-induced collapse scenarios for a steel high-rise building", *proc. of the 2011 Int. Conference on Advances in Structural Engineering and Mechanics (ASEM'11)*, Seoul (South Korea), 18-22 September 2011

Gentili F, Giuliani L, Petrini F.: "Numerical investigation of fire induced collapse of a single-story two-span frame", *proc. of the 6th European Conference on Steel and Composite Structures (EUROSTEEL 2011)*, Budapest, Hungary, 31 August - 2 September 2011

Gentili F., Giuliani L.: "Simulation of the structural behavior of steel-framed buildings in fire", *proc. of Application of Structural Fire Engineering (ASFE2010)*, Prague, Czech Republic, 29 April 2011

Giuliani L., Budny I.: "Different approach of European regulations for fire design of steel structural elements", *proc. of the 4th Int. conference on Structural Engineering, Mechanics and Computation (SEMC'10)*, Cape Town, South Africa, 6-8 September 2010

Gentili F., Crosti C., Giuliani L.: "Performance based investigation of structural systems under fire", proc. of the 4th Int. conference on Structural Engineering, Mechanics and Computation (SEMC'10), Cape Town, South Africa, September 2010

Giuliani L., Bontempi F.: "Structural Robustness Evaluation of Offshore Wind Turbines", proc. of the 12th Biennial ASCE Int. Conference on Engineering, Construction, and Operations in Challenging Environments (Earth and Space 2010), Honolulu, Hawaii, 14-17 March, 2010

Giuliani L., Bontempi F.: "Numerical strategies for structural robustness assessment", proc. of the 2nd Int. Conference on Computational Methods in Structural Dynamics and Earthquake Engineering (COMPDYN 2009), island of Rhodes, Greece, 22-24 June 2009

Crosti C., Giuliani L., Gkoumas K., Bontempi F.: "Structural analysis of steel structures under fire loading", proc. of the Int. conference Application of Structural Fire Design (EUROFIRE09), Prague, Czech Republic, 19-20 February 2009

Crosti C., Giuliani L., Gkoumas K., Bontempi F.: "Definition and selection of design fire scenarios", proc. of the Int. Conference Application of Structural Fire Design (EUROFIRE09), Prague, Czech Republic, 19-20 February 2009

Giuliani L., Bontempi F.: "Dynamic analysis for structural robustness evaluation", proc. of the 4th Int. Conference on Bridge Maintenance, Safety and Management (IABMAS'08), Seoul, Korea, 13-17 July 2008

Bontempi F., Giuliani L.: "Robustness investigation of long suspension bridges", proc. of the 4th Int. Conference on Bridge Maintenance, Safety and Management (IABMAS'08), Seoul, Korea, 13-17 July 2008

Giuliani L., Gkoumas K., Bontempi F.: "Robustness Assessment of a Long Span Suspension Bridge in Presence of Different Contingency Scenarios", proc. of the 4th Int. ASRANet Colloquium, Athens, Greece, June 25-27 2008.

Giuliani L., Prisco V., "Nonlinear analysis for progressive collapse investigation on reinforced concrete framed structures", proc. of the 2008 Structures Congress - Crossing Borders, Vancouver, Canada, 24-26 April 2008

Bontempi F., Giuliani L.: "Nonlinear dynamic analysis for the structural robustness assessment of a complex structural system", proc. of the 2008 Structures Congress - Crossing Borders, Vancouver, Canada, 24-26 April 2008

Bontempi F., Giuliani L., Gkoumas K.: "Handling the exceptions: robustness assessment of a complex structural system", proc. of the 3rd Int. Conference on Structural Engineering, Mechanics and Computation (SEMC 2007), Cape Town, South Africa, 10-12 September 2007

Bontempi F., Giuliani L., Gkoumas K.: "Handling the exceptions: dependability of systems and structural robustness" (invited lecture), proc. of the 3rd Int. Conference on Structural Engineering, Mechanics and Computation (SEMC 2007), Cape Town, South Africa, 10-12 September 2007

Giuliani L., Di Paolo E.: "Nonlinear behaviour of slender pre-stressed structures", proc. of the 3rd Int. Conference on Structural Engineering, Mechanics and Computation (SEMC 2007), Cape Town, South Africa, 10-12 September 2007

Giuliani L., Gkoumas K., Bontempi F.: "Nonlinear dynamic analysis for the dependability of complex structural systems", proc. of the Congress on Computational Methods in Structural Dynamics and Earthquake Engineering (COMPDYN 2007), Rethymno, Crete, Greece, June 2007

Proceedings of
national conferences

Aiuti R., Giuliani L., Bontempi F.: "Fire-induced collapse mechanisms of steel buildings", proc. of the 24th Italian Steel Conference Giornate italiane della costruzione in acciaio (C.T.A. 2013), Turin, Italy, 30 September - 2 October 2013

Giuliani L., Aiuti R.: "Parametric study for the fire safety design of steel structures", proc. of the 24th Italian Steel Conference Giornate italiane della costruzione in acciaio, (C.T.A. 2013), Turin, Italy, 30 September - 2 October 2013

Gentili F., Giuliani L., Bontempi F.: "Modelling of the structural response to fire of a high-rise steel building", proc. of the 23rd Italian Steel Conference Giornate italiane della costruzione in acciaio, (C.T.A. 2011), Naples, Italy, 9-12 October 2011

Gentili F., Giuliani L., Bontempi F.: "Blast design for structural elements", proc. of the 23rd Italian Steel Conference Giornate italiane della costruzione in acciaio, (C.T.A. 2011), Naples, Italy, 9-12 October 2011

Gkoumas K, Giuliani L, Petrini F, Gentili F.: "Fire safety assessment of tunnel structures", Proc. of the 7th Conference on Steel Structures, Volos, Greece, 29 September 2011

Budny I., Giuliani L.: "A comparison between prescriptive- and performance-based approaches in fire safety design of structures", electronic proc. of the 2nd Conference on Handling Exceptions: Structural Systems, Accidental Scenarios, Design Complexity (HE10), Sapienza University of Rome, Italy, 6-8 July, 2010

Giuliani L.: "Structural integrity: robustness assessment and progressive collapse susceptibility", electronic proc. of the 1st Conference on Handling exceptions in structural engineering: structural robustness, accidental scenarios, design complexity (HE 2008), Sapienza University of Rome, Italy, 13-14 November 2008

Bontempi F., Crosti C., Petrini F., Giuliani L.: "La valutazione quantitativa delle capacità prestazionali di strutture in acciaio in presenza di incendio" proc. of the 12th Italian Steel Conference Costruire con l'acciaio (C.T.A. 2007), Catania, Italy, 1-3 Ottobre 2007

Bontempi F., Crosti C., Petrini F., Giuliani L.: "La progettazione prestazionale di strutture in acciaio in presenza di incendio", proc. of the 12th Italian Steel Conference Costruire con l'acciaio (C.T.A. 2007), Catania, Italy, 1-3 Ottobre 2007

Giuliani L., Wolff M.: "Strategie per il conseguimento della robustezza strutturale: connessione e compartimentazione" (in italian), proc. of the 3rd Conference on Collapse and Reliability of Civil Structures (CRASC'06), Messina University, Messina, Italy, 20-22 April 2006.

Bontempi F., Giuliani L.: "Engineering complexity: uncertainty modeling and structural robustness", proc. of the 10. Dresdner Baustatik Seminar, Technische Universitaet Dresden, Germany, September 2006.

Technical Journals

Arangio S., Bontempi F., Giuliani L.: "La robustezza strutturale in caso di incendio", Antincendio - Italian magazin of Fire Safety and Civil Defense, vol. 61, issue 9, EPC Periodici, July 2009

Bontempi F., Crosti C., Giuliani L., Petrini F.: "Basi della progettazione strutturale antincendio con approccio prestazionale", Antincendio - Italian magazin of Fire Safety and Civil Defense, vol. 61, issue 9, EPC Periodici, July 2009.

Bontempi F., Crosti C., Giuliani L., Petrini F.: "Principi fondamentali e applicazioni dell'approccio prestazionale", Antincendio - Italian magazin of Fire Safety and Civil Defense, vol. 61, issue 5, EPC Periodici, May 2009

Bontempi F., Crosti C., Giuliani L.: "Il ruolo delle strutture nella protezione passiva contro l'incendio", Antincendio - Italian magazin of Fire Safety and Civil Defense, vol. 60, issue 8, EPC Periodici, August 2008

RESEARCH PROJ- -ECTS AND FUNDS

June 2018	Project manager at DTU of the research project entitled "Fire protection of bridge cable systems", funded by COWI FONDEN, Grant: A-121.35 (DTU share is 101'229 dkk corresponding to 13'565 EUR. Total project budget is 1'003'260 dkk, corresponding to 134'437 EUR).
December 2016	Project manager at DTU for the Erasmus+ project named "Knowledge for resilient society" (K-FORCE). DTU share is 70'227 EUR.
June 2014	6'000 DKK awarded by the Otto Mønsted foundation as coverage for the expenses for participation at the EURO DYN14 conference.
June 2013	7'500 DKK awarded by the Otto Mønsted foundation as coverage for the expenses for participation at the SEMC 2013 conference.
September 2013	Project manager of the research project entitled "Experimental and numerical study of the thermal resistance of intumescent coatings" and funded by COWI Fonden with 245'000 DKK (corresponding to 31'850 EUR).
June 2012	7'500 DKK awarded by the Otto Mønsted foundation as coverage for the expenses for participation at the IABMAS 2012 conference.

REVIEW ACTIVITY

Funding Association	European Cooperation in Science and Technology (COST Action) Swiss National Science Foundation (SNSF)
International Journals	Fire Safety Journal (ISI) Fire Technology (ISI) Journal of Constructional Steel Research (JCSR) Computer & Concrete International Journal (ISI) Journal of Mechanics Research Communications (ISI) Structures and Materials Journal (ISI) Journal of Strategic Property Management (ISI) Materials and Structures (ISI) Journal of Structural Engineering and Mechanics (ISI) International Journal of Strategic Property Management (ISI) Journal of Engineering Mechanics

	Journal of Structural Engineering
	Journal of Life-Cycle and performance Engineering
International conferences	Nordic Fire Safety Day 2017 & 2018
	4 th and 5 th International Conference on Building Resilience
	10 th International Symposium on Hazard, Prevention and Mitigation of Industrial Explosions (ISHPMIE).

MEMBER OF ASSOCIATIONS AND COMMITTEE

January 2017 - present	Member of the national mirror committee for Eurocode Actions on structures exposed to fire (EN1991-1-2 NMC)
June 2012 - present	Member of the Association of Danish Engineers (IDA - Ingeniørforeningen i Danmark).
June 2011 - present	Member of the International Association for Bridge Maintenance and Safety (IABMAS) and member of the national Italian IABMAS group founded in September 2012

OTHER SKILLS AND QUALIFICATIONS

Programming languages	Visual Basic.NET, Mathcad, Ansys Parametric Design Language (APDL)
Software knowledge	Finite Element Analysis programs (FEA): Abaqus, Ansys, Diana, Strand7, Sap2000 Computational Fluid Dynamics programs (CFD): FDS, FLACS Evacuation programs: STEPS CAD programs: Autocad
Spoken languages	Italian (mother tongue), English (proficient), Danish (advanced), German (advanced), French (basic)
Other qualifications and activities	Board member of the International Employee Network for the integration of foreign employees at DTU from 2010 to 2014 Lifeguard and swim instructor certifications, released by the Italian Swimming Federation (FIN) in 1995

Lyngby, 03 July 2018