

CURRICULUM VITAE of BRUNO DAL LAGO



EDUCATION

- Doctor of Philosophy (PhD) degree *cum laude* in Structural, Seismic and Geotechnical Engineering, XXVI cycle, in 2015 at Department of Civil and Environmental Engineering, Politecnico di Milano
- 2nd level Master of Science in “Seismic design of sustainable concrete structures” in 2011, at F.lli Pesenti Master School, Politecnico di Milano
- Master of Science degree in Building Engineering in 2009 at Politecnico di Milano
- Bachelor’s degree in building engineering in 2006 at Politecnico di Milano
- Scientific high school diploma at “A. Volta” institute of Milan in 2002

TITLES and AWARDS

- Assistant Professor (RTDb) in Structural Analysis and Design (Tecnica delle Costruzioni) at Università degli Studi dell’Insubria since 30/11/2019
- National Qualification for the position of Associate Professor (Abilitazione Scientifica Nazionale) in the sector 08/B3 (Tecnica delle Costruzioni – Structural Analysis and Design) obtained in 20/09/2018
- Special Mention at the “Achievement Award for Young Engineers 2017” issued by *fib* (fédération internationale du béton – international federation for structural concrete)
- Special Mention at the PhD Student Award: “Innovation in Concrete Structures and Cementitious Materials 2016” organised by ACI - Italy Chapter and FederBeton
- Member of the Italian round table of the *fib* Task Group 6.3 “Sustainability of Precast Structures”
- Member of the former Work Group “Seismic assessment of precast industrial buildings” of the Italian Civil Protection Department
- Winner of the Research Grant entitled “Foundations of wind turbines”, in 2018 at Department of Civil and Environmental Engineering, Politecnico di Milano
- Winner of the Research Grant entitled “Seismic performance of Precast Structures with Dissipative Connections of the Wall Panels”, in 2015 at Department of Civil and Environmental Engineering, Politecnico di Milano
- Winner of the Research Grant entitled “Innovative mechanical connection systems for precast structures in seismic zone” at Department of Structural Engineering, Politecnico di Milano, in 2010-2014
- Member of the *fib* since 2017
- Member of ACI (American Concrete Institute) – Italy Chapter since 2012
- Member of CTE (Collegio dei Tecnici dell’Industrializzazione Edilizia) since 2010
- Member of the Professional Order of Engineers of the Province of Milan since 2010 with No. A28589

SCIENTIFIC ACTIVITY

- Associate Member of the editor board of the ISI Journal “The Open Construction and Building Technology Journal”, Bentham Editor, since 2019
- Associate editor of the technical/scientific magazine Modulo since 2017
- Visiting Expert in 2015/2016 at Banagher Precast Concrete Ltd, Banagher, Co. Offaly, Republic of Ireland

- Participation to the research project RINTC, funded by the Italian Civil Protection Department
- Participation to the research project EIROCRETE, funded by the European Commission in the framework of the program FP7-PEOPLE-2012-IAPP with Ref. No. 324478
- Participation to the research project SAFECLADDING, funded by the European Commission in the framework of the program FP7-SME-2011 with Grant agreement 314122 of 2012
- Participation to the research project ReLUIIS, funded by the Italian Civil Protection Department
- Participation to the research project SAFECAST, funded by the European Commission in the framework of the FP7-SME-2007-2 program with Grant agreement 218417 of 2009
- Visiting student in 2008/2009 at University of Canterbury, Christchurch, New Zealand
- Cultural interchange in 2006/2007 with Universidade de São Paulo, Brasil
- Reviewer for several scientific journals, including: ACI Struct J, ASCE J of Struct Eng, Bull of Earthq Eng, Earthq Eng & Eng Vibr, Earthq Eng & Struct Dyn, Eng Struct, J of Earthq Eng, KSCE J of Civ Eng

TEACHING ACTIVITY

- Lecturer of the course “Fire-Structure Interaction and Elements of Fire Engineering” at Università degli Studi dell’Insubria, MSc in Environmental and Workplace Sustainability Engineering, since 2019
- Lecturer of the course “Testing in Earthquake Engineering” as part of the wider course “Testing and Surveying in Earthquake Engineering” at Politecnico di Milano, MSc in Civil Engineering, since 2019
- Lecturer of the course “Structural Design” as part of the wider course “Building Technology Studio” at Politecnico di Milano, MSc in Architecture, since 2017
- Assistant lecturer of selected issues (research and innovation) in the course “Strutture Prefabbricate” (Precast Structures) at Politecnico di Milano, MSc in Civil Engineering, since 2016
- Assistant lecturer of the course “Tecnica delle Costruzioni 2” (Advanced structural design) at Politecnico di Milano, MSc in Building Engineering, from 2011 to 2019
- Assistant lecturer of the course “Tecnica delle Costruzioni” (Structural design) at Politecnico di Milano, BSc in Civil Engineering, from 2017 to 2019
- Lecturer of the issue “Precast Structures” at F.lli Pesenti Master School, Politecnico di Milano, within the 2nd level MSc course “Seismic design of sustainable concrete structures” since 2012
- Supervisor or co-supervisor of 13 MSc theses, 1 2nd-level MSc thesis and 4 BSc thesis

PROFESSIONAL ACTIVITY

- Founding member of the technical bureau DLC Consulting srl of Milan since 2016. The main performed activities concern (a) conception and structural design of an innovative wing-shaped roof element spanning up to 42 m, (b) study of producing plants of precast concrete systems for the rapid construction of complex urban interventions, (c) evaluation of the seismic vulnerability index of several large commercial malls made with precast frame structures and design of the retrofit interventions, (d) feasibility study of the conversion of an old large industrial facility made in precast concrete in the decades 40-70, (e) project manager of the structural works on study of seismic vulnerability, structural design, shop drawing and work execution of an historical 5-storey masonry building located in the historical centre of Milan, (f) project manager of an intervention of demolition/reconstruction of a 2-storey building located in the historical centre of Milan, (g) project manager of the installation of an innovative false-ceiling system installed in a strategic facility in Geneva (Switzerland), (h) coordinator of conception, proportioning and detailing of a novel precast construction system for residential buildings to be employed in Russia, (i) supervisor of the technical design of the production factory for a novel precast construction system built in Russia.

- Collaboration with the technical bureau DLC Srl of Milan since 2010 for assistance to development of innovative prefabrication systems and solving of complex structural design issues mainly concerning precast concrete structures. The main performed activities concern (a) seismic design of a 3-storey dry-assembled precast building made with frame and mixed wall-frame structure tested seismically within the Safecast research project, (b) formulation of a design methodology for industrial concrete slabs on grade reinforced with polypropylene fibres and traditional steel wire meshes, (c) elaboration of a calculation sheet for the evaluation of the yearly energy consumption of industrial facilities.
- Owner of patents in the field of concrete prefabrication.

PUBLICATION LIST

Scientific Journal Papers

- [SJ1] Dal Lago, B. (2019). “Numerical simulation of seismic tests on precast concrete structures with various arrangements of cladding panels”, *Computers and Concrete*, **23**(2), 85-91. doi: 10.12989/cac.2019.23.2.000.
- [SJ2] Dal Lago, B., Bianchi, S., Biondini, F. (2019). “Diaphragm effectiveness of precast concrete structures with cladding panels under seismic action”, *Bulletin of Earthquake Engineering*, **17**(1), 473-495. doi: 10.1007/s10518-018-0452-3.
- [SJ3] Dal Lago, B., Ferrara, L. (2018). “Efficacy of roof-to-beam mechanical connections on the diaphragm behaviour of precast decks with spaced roof elements”, *Engineering Structures*, **176**, 681-696. doi: 10.1016/j.engstruct.2018.09.027.
- [SJ4] Dal Lago, B., Lamperti Tornaghi, M. (2018). “Sliding channel cladding connections for precast structures subjected to earthquake action”, *Bulletin of Earthquake Engineering*, **16**(11), 5621-5646. doi: 10.1007/s10518-018-0410-0.
- [SJ5] Dal Lago, B., Biondini, F., Toniolo, G. (2018). “Experimental tests on multiple-slit devices for precast concrete panels”, *Engineering Structures*, **167**, 420-430. doi: 10.1016/j.engstruct.2018.04.035.
- [SJ6] Dal Lago, B., Biondini, F., Toniolo, G. (2018). “Seismic performance of precast concrete structures with energy dissipating cladding panel connection systems”, *Structural Concrete*, **19**, 1908-1926. doi: 10.1002/suco.201700233.
- [SJ7] Dal Lago, B., Molina, F.J. (2018). “Assessment of a capacity spectrum design approach against cyclic and seismic experiments on full-scale precast RC structures”, *Earthquake Engineering and Structural Dynamics*, **47**(7), 1591-1609. doi: 10.1002/eqe.3030.
- [SJ8] Dal Lago, B., Negro, P., Dal Lago, A. (2018). “Seismic design and performance of dry-assembled precast structures with adaptable joints”, *Soil Dynamics and Earthquake Engineering*, **106**, 182-195. doi: 10.1016/j.soildyn.2017.12.016.
- [SJ9] Dal Lago, B., Biondini, F., Toniolo, G. (2018). “Experimental investigation on steel W-shaped folded plate dissipative connectors for precast cladding panels”, *Journal of Earthquake Engineering*, **22**(5), 778-800. doi:10.1080/13632469.2016.1264333.
- [SJ10] Dal Lago, B., Taylor, S.E., Deegan, P., Ferrara, L., Sonebi, M., Crosset, P., Pattarini, A. (2017). “Full-scale testing and numerical analysis of a precast fibre reinforced self-compacting concrete slab pre-stressed with basalt fibre polymer bars”, *Composites Part B: Engineering*, **128**, 120-133. doi: 10.1016/j.compositesb.2017.07.004.
- [SJ11] Dal Lago, B., Biondini, F., Toniolo, G. (2017). “Friction-based dissipative devices for precast concrete panels”, *Engineering Structures*, **147**, 356-371. doi: 10.1016/j.engstruct.2017.05.050.

- [SJ12] Toniolo, G., Dal Lago, B. (2017). “Conceptual design and full-scale experimentation of cladding panel connection systems of precast buildings”, *Earthquake Engineering and Structural Dynamics*, **46**(14), 2565-2586. doi: 10.1002/eqe.2918.
- [SJ13] Dal Lago, B., Toniolo, G., Felicetti, R., Lamperti Tornaghi, M. (2017). “End support connection of precast roof elements by bolted steel angles”, *Structural Concrete*, **18**(5), 755-767. doi: 10.1002/suco.201600218.
- [SJ14] Dal Lago, B., Muhaxheri, M., Ferrara, L. (2017). “Numerical and experimental analysis of an innovative lightweight precast concrete wall”, *Engineering Structures*, **137**, 204-222. doi: 10.1016/j.engstruct.2017.01.073.
- [SJ15] Dal Lago, B., Biondini, F., Toniolo, G., Lamperti Tornaghi, M. (2017). “Experimental investigation on the influence of silicone sealant on the seismic behaviour of precast façades”, *Bulletin of Earthquake Engineering*, **15**(4), 1771-1787. doi:10.1007/s10518-016-0045-y.
- [SJ16] Dal Lago, B. (2017). “Experimental and numerical assessment of the service behaviour of an innovative long-span precast roof element”, *International Journal of Concrete Structures and Materials*, **11**(2), 261-273. doi:10.1007/s40069-017-0187-6.
- [SJ17] Dal Lago, B., Dibenedetto, C., Palermo, A., Pampanin, S., Giorgini, S., Buchanan, A.H., Carradine, D. (2017). “Structural behavior of longitudinally post-tensioned timber beams under serviceability gravity loading”, *Journal of Structural Engineering*, ASCE, **143**(8): 04017071. doi:10.1061/(ASCE)ST.1943-541X.0001800.
- [SJ18] Dal Lago, B., Toniolo, G., Lamperti Tornaghi, M. (2016). “Influence of different mechanical column-foundation connections on the seismic performance of precast structures”, *Bulletin of Earthquake Engineering*, **14**(12), 3485-3508. doi:10.1007/s10518-016-0010-9.
- [SJ19] Biondini, F., Dal Lago, B., Toniolo, G. (2013). “Role of wall panel connections on the seismic performance of precast structures”, *Bulletin of Earthquake Engineering*, **11**(4), 1061-1081. doi:10.1007_s10518-012-9418-z.

Scientific Book Contributions

- [B1] Dal Lago, B., Carrera, A. (2018). “Approfondimenti tecnici: Strutture”, *Impianti natatori*, in print.
- [B2] Dal Lago, B., Lamperti, M., Negro, P., Toniolo, G. (2018). “Prove cicliche e pseudodinamiche su di un prototipo al vero di struttura prefabbricata con pannelli”, *Evoluzione e sostenibilità delle strutture in calcestruzzo*, Ed. M. di Prisco and M. Menegotto, 35-42, Gwmax, ISBN 978-88999162-4-4.
- [B3] Dal Lago, B., Mariani Orlandi, G., Rocci, A., Ferrara, L. (2018). “Efficacia di connessioni meccaniche tegolo-trave sull’azione diaframma di strutture prefabbricate”, *Evoluzione e sostenibilità delle strutture in calcestruzzo*, Ed. M. di Prisco and M. Menegotto, 25-33, Gwmax, ISBN 978-88-999162-4-4.
- [B4] Dal Lago, B., Lamperti, M.G.L., Toniolo G. (2013). “Experimental behaviour of semi-dry column-foundation connections for precast buildings”, *Studi e ricerche*, Scuola di specializzazione F.Ili Pesenti, Politecnico di Milano, **32**, 249-268. ISBN: 978-88-904292-6-2.
- [B5] Ronca, P., Crespi, P., Dal Lago, B., Sarti, F. (2011). “From material characterization to innovative design in composite timber structures”, *Studi e ricerche*, Scuola di specializzazione F.Ili Pesenti, Politecnico di Milano, **31**, pp. 29. ISBN:978-88-962254-0-0.

Technical Journal Papers

- [TJ1] Dal Lago, B., Ferrara, L., Dal lago, A. (2019). “Recent advances and experimental findings on the structural behaviour of an innovative dry-assembled precast concrete wall system”, *ALITinform*, Moscow, Russian Federation, in print.

- [TJ2] Dal Lago, B., Dal Lago, A. (2018). "New precast constructions for integrated complex urban interventions / Neue fertigteilkonstruktionen für integrierte komplexe städtische interventionen", *BFT International*, **84**(4), 72-80.
- [TJ3] Tartaglia, A., Debiaggi, P., Dal Lago, B. (2018). "Esperienze progettuali di edifici per attività natatorie", *Modulo*, **411**, 60-70.
- [TJ4] Deegan, P., Taylor, S.E., Sonebi, M., Ferrara, L., Dal Lago, B., Pattarini, A. (2017). "An experimental study towards steel-free precast concrete elements", *Concrete*, **51**(6), 38-41.
- [TJ5] Dal Lago, B., Dal Lago, A. (2017). "La nuova industria del costruire", *Modulo*, **406**, 62-68.
- [TJ6] Dal Lago, B., Ferrara, L., Taylor, S., Deegan, P., Sonebi, M., Pattarini, A. (2017). "Verso elementi in calcestruzzo armato precompresso senza acciaio: uno studio sperimentale", *Modulo*, **405**, 60-65.
- [TJ7] Dal Lago, B., Dal Lago, A., Franceschelli, F., Basso, A. (2016). "Exceptional long-span element for industrial roofing", *Concrete Plant International*, **3**, 182-184.
- [TJ8] Dal Lago, B., Dal Lago, A., Franceschelli, F. (2016). "Innovation for smart industrial housing", *Concrete Plant International*, **2**, 298-300.
- [TJ9] Toniolo, G., Dal Lago, B., Lamperti, M. (2011). "Verifica sperimentale di connessioni prefabbricate pilastro-fondazione soggette a carichi ciclici", *Inbeton*, **65**, 52-59.

International Conference Papers

- [IC1] Dal Lago, B., Berretta, E., Krelani, V., Galetto, L. (2019). "Rehabilitation of early-age precast concrete structures: a feasibility study on an industrial complex progressively built in 1940s-1970s in Northern Italy", *UBT IC-CEIE Conference*, Pristina, Kosovo, in print.
- [IC2] Dal Lago, B., Bianchi, S., Biondini, F., Toniolo, G. (2018). "Dissipative diaphragm connections for precast structures with cladding panels under seismic action", *16th European Conference on Earthquake Engineering (16ECEE)*, Thessaloniki, Greece, June 18-21, Paper No. 11672.
- [IC3] Dal Lago, B., Toniolo, G. (2018). "Sur la vulnérabilité et la réhabilitation sismique des structures préfabriquées en ossature de béton armé", *1st International Conference on Vulnerability and Rehabilitation of Structures (VUREST2018)*, Algiers, Algeria, 7th-8th May, 2-7. ISBN: 978-9931-9481-0-0.
- [IC4] Dal Lago, B., Foti, F., Martinelli, L. (2017). "Seismic actions induced by cladding panels to precast concrete frame structures", *6th UBT International Conference on Civil Engineering, Infrastructure and Environment (IC-CEIE)*, Durrës, Albania, 27th-29th October, 5-10. ISBN 978-9951-437-65-3.
- [IC5] Dal Lago, B., Muhaxheri, M., Ferrara, L. (2017). "Non-linear structural analysis of an innovative precast bracing wall", *16th World Conference of Earthquake Engineering (16WCEE)*, Santiago, Chile, 9th-13th January, Paper No. 3322.
- [IC6] Biondini, F., Dal Lago, B., Toniolo, G. (2017). "Experimental tests on dissipative cladding connection systems of precast structures", *16th World Conference of Earthquake Engineering (16WCEE)*, Santiago, Chile, 9th-13th January, Paper No. 933.
- [IC7] Dal Lago, B., Ferrara, L. (2016). "Efficiency of mechanical floor connections on the diaphragm action of precast concrete floor/roof decks", *The 14th International Symposium on Structural Engineering (14ISSE)*, Beijing, China, 12th-14th October, Vol. I, 469-476. ISBN 978-7-03-050125-7.
- [IC8] Dal Lago, B., Ferrara, L., Taylor, S., Sonebi, M., Deegan, P., Kelly, G., Pattarini, A. (2016). "Design of steel-free pre-stressed reinforced concrete slabs: theory and experimentation", *ACI Italy Chapter: The New Boundaries of Structural Concrete 2016*, Capri island, Italy, 29th September - 1st October, 137-146. ISBN: 978-88-98720-14-9.
- [IC9] Dal Lago, B., Deegan, P., Taylor, S., Crosssett, P., Sonebi, M., Ferrara, L., Pattarini, A. (2016). "Pre-stressing using BFRP bars: an experimental investigation on a new frontier of FRSCC", *Civil*

Engineering Research in Ireland 2016 (CERI2016), Galway, Republic of Ireland, 28th-30th August, Paper No. 19. ISBN:978-0-9573957-2-5.

- [IC10] Biondini, F., Dal Lago, B., Toniolo, G. (2014). “Experimental and numerical assessment of dissipative connections for precast structures with cladding panels”, *2nd European Conference on Earthquake Engineering and Seismology (2ECEES)*, Istanbul, Turkey, August 25-29, Paper No. 2168. ISBN:978-60-562703-6-9.
- [IC11] Dal Lago, B., Dal Lago, A. (2012). “Precast structures with adaptable restraints”, *15th World Conference of Earthquake Engineering (15WCEE)*, Lisbon, Portugal, September 24-28, paper No. 2305. ISBN:978-16-343965-1-6.
- [IC12] Biondini, F., Dal Lago, B., Toniolo, G. (2012). “Seismic behaviour of precast buildings with cladding panels”, *15th World Conference of Earthquake Engineering (15WCEE)*, Lisbon, Portugal, September 24-28, paper No. 1465. ISBN:978-16-343965-1-6.
- [IC13] Palermo, A., Pampanin, S., Carradine, D., Buchanan, A.H., Dal Lago, B., Dibenedetto, C., Giorgini, S., Ronca, P. (2010). “Enhanced performance of longitudinally post-tensioned long-span LVL beams”, *XI World Conference of Timber Engineering (11WCTE)*, Riva del Garda (Italy), June 20-24, paper No. 572, pp. 10. ISBN:978-16-227617-5-3.

National Conference Papers

- [NC1] Foti, F., Dal Lago, B., Martinelli, L. (2018). “Sull’interazione sismica fuori piano tra telai prefabbricati e pannelli di tamponamento / On the seismic out-of-plane interaction between precast frames structures and cladding panels”, *Italian Concrete Days 2018 (ICD2018)*, Milano/Lecco, Italy, 15th-18th June, Paper No. 42. ISBN 978-88-99916-11-4.
- [NC2] Dal Lago, D., Dal Lago, B. (2018). “Applicazione di un processo di progettazione integrata BIM e PLM per il settore della prefabbricazione / Application of a BIM/PLM integrated design process for the precast concrete industry”, *Italian Concrete Days 2018 (ICD2018)*, Milano/Lecco, Italy, 15th-18th June, Paper No. 44. ISBN 978-88-99916-11-4.
- [NC3] Toniolo, G., Biondini, F., Dal Lago, B. (2018). “Criteria for the structural analysis of precast buildings with dissipative connection systems of cladding wall panels / Criteri per l’analisi strutturale di edifici prefabbricati con sistemi di connessioni dissipative delle pareti di tamponamento a pannelli”, *Italian Concrete Days 2018 (ICD2018)*, Milano/Lecco, Italy, 15th-18th June, Paper No. 37. ISBN 978-88-99916-11-4.
- [NC4] Toniolo, G., Dal Lago, B. (2018). “Riflessioni sull’adeguamento sismico degli edifici prefabbricati / Reflections on the seismic retrofitting of precast frame buildings”, *Italian Concrete Days 2018 (ICD2018)*, Milano/Lecco, Italy, 15th-18th June, Paper No. 96. ISBN 978-88-99916-11-4.
- [NC5] Dal Lago, B., Muhaxheri, M., Ferrara, L. (2016). “Comportamento strutturale di un sistema innovativo per pareti prefabbricate alleggerite / Structural behaviour of an innovative precast system for light-weight wall panels”, *Italian Concrete Days 2016 (ICD2016)*, Rome, Italy, 26th-28th October, Paper No. 11. ISBN 978-88-99916-02-2.
- [NC6] Dal Lago, B., Mariani Orlandi, G., Rocci, A., Ferrara, L. (2016). “Efficacia di connessioni meccaniche tegolo-trave sull’azione diaframma di strutture prefabbricate / Efficiency of mechanical roof-to-beam connections on the diaphragm action of precast structures”, *Italian Concrete Days 2016 (ICD2016)*, Rome, Italy, 26th-28th October, Paper No. 10. ISBN 978-88-99916-02-2.
- [NC7] Dal Lago, B., Lamperti, M., Negro, P., Toniolo, G. (2016). “Prove cicliche e pseudodinamiche su di un prototipo al vero di struttura prefabbricata con pannelli / Cyclic and pseudodynamic tests on a full scale prototype of a precast structure with cladding panels”, *Italian Concrete Days 2016 (ICD2016)*, Roma, Italy, 26th-28th October, Paper No. 88. ISBN 978-88-99916-02-2.

- [NC8] Dal Lago, B., Dal Lago, A., Marchetti, U., Basso, A. (2016). “Studio sperimentale e numerico di un tegolo alare prefabbricato innovativo di luce eccezionale / Experimental and numerical investigation on an innovative wing-shaped precast floor element of exceptional span”, *Italian Concrete Days 2016 (ICD2016)*, Rome, Italy, 26th-28th October, Paper No. 9. ISBN 978-88-99916-02-2.
- [NC9] Dal Lago, A., Dal Lago, B. (2016). “Sui criteri di certificazione per resistenza-R, integrità-E e potere isolante-I delle strutture combustibili e incombustibili / On the certification criteria for combustible and incombustible structures in terms of bearing capacity-R, integrity-E and insulation capacity-I”, *Italian Concrete Days 2016 (ICD2016)*, Rome, Italy, 26th-28th October, Paper No. 8. ISBN 978-88-99916-02-2.
- [NC10] Biondini, F., Dal Lago, B., Toniolo, G. (2014). “Comportamento sperimentale di connettori dissipativi elasto-plastici tra pannelli prefabbricati”, *XX CTE Congress*, Milano, Italy, November 6-8, 513-520. ISBN:978-88-903647-2-3.
- [NC11] Biondini, F., Dal Lago, B., Toniolo, G. (2014). “Angolari dissipativi per il collegamento dei pannelli in strutture prefabbricate”, *XX CTE Congress*, Milano, Italy, November 6-8, 533-542. ISBN:978-88-903647-2-3.
- [NC12] Dal Lago, B. (2014). “Studio sperimentale su piastre piegate per collegare i pannelli orizzontali in strutture prefabbricate”, *ACI Italy Chapter Workshop: tecniche innovative per il miglioramento sismico di edifici prefabbricati*, Bologna, Italy, October 22, 65-74. ISBN:978-88-987200-9-5.
- [NC13] Biondini, F., Dal Lago, B., Lamperti, M., Toniolo, G. (2014). “Qualificazione sperimentale di materiali siliconici per giunti di pannelli prefabbricati”, *AICAP Congress 2014*, Bergamo, Italy, May 22-24, 391-398. ISBN:978-88-885908-2-0.
- [NC14] Biondini, F., Dal Lago, B., Toniolo, G. (2014). “Connettori dissipativi ad attrito tra pannelli prefabbricati: sperimentazione e criteri di impiego”, *AICAP Congress 2014*, Bergamo, Italy, May 22-24, 399-406. ISBN:978-88-885908-2-0.
- [NC15] Biondini, F., Dal Lago, B., Toniolo, G. (2013). “Azione diaframma in strutture prefabbricate con pannelli di parete”, *XV ANIDIS Congress*, Padova, Italy, June 30 - July 4, pp. 10. ISBN:978-88-973855-9-2.
- [NC16] Biondini, F., Dal Lago, B., Toniolo, G. (2012). “Ruolo delle connessioni dissipative tra pannelli di tamponamento delle strutture prefabbricate”, *ACI Italy Chapter Workshop: I collegamenti delle strutture prefabbricate – connections in precast structures*, Bergamo, Italy, October 5, 47-58. ISBN:978-88-904292-9-3.
- [NC17] Dal Lago, B., Lamperti, M.G.L., Dal Lago, A. (2012). “Studio sul comportamento bidirezionale di connessioni meccaniche scorrevoli pannello-telaio”, *XIX CTE Congress*, Bologna, Italy, November 8-10, 131-140. ISBN:978-88-903647-9-2.
- [NC18] Dal Lago, A., Dal Lago, B. (2012). “Progetto SAFECAST: problematiche riscontrate confrontando progetto e prove sismiche”, *XIX CTE Congress*, Bologna, Italy, November 8-10, 553-562. ISBN:978-88-903647-9-2.
- [NC19] Dal Lago, B., Lamperti, M.G.L., Toniolo, G. (2012). “Studio sperimentale su connessioni pilastro-fondazione per strutture prefabbricate”, *XIX CTE Congress*, Bologna, Italy, November 8-10, 121-130. ISBN:978-88-903647-9-2.
- [NC20] Dal Lago, B., Lamperti, M.G.L., Toniolo, G. (2012). “Comportamento a strappo di estremità di tegoli prefabbricati con connessioni meccaniche”, *XIX CTE Congress*, Bologna, Italy, November 8-10, 141-150. ISBN:978-88-903647-9-2.
- [NC21] Dal Lago, A., Dal Lago, B. (2011). “Telai prefabbricati ad assetto variabile”, *XIV ANIDIS Congress*, Bari, Italy, September 18-22, paper No. 190. ISBN:978-88-752204-0-2.
- [NC22] Biondini, F., Dal Lago, B., Toniolo, G. (2011). “Seismic behaviour of precast structures with dissipative connections of cladding wall panels”, *XIV ANIDIS Congress*, Bari, Italy, September 18-22, paper No. 189. ISBN:978-88-752204-0-2.

- [NC23] Dal Lago, B., Lamperti, M.G.L., Toniolo, G. (2010). “Verifica sperimentale di connessioni prefabbricate pilastro-fondazione soggette a carichi ciclici: risultati preliminari”, *XVIII CTE Congress*, Brescia, Italy, November 11-13, **2**, 915-922. ISBN:978-88-903647-6-1.
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Faithfully,
Bruno Dal Lago