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E-mail: chgantes@central.ntua.gr, chgantes@alum.mit.eduWeb: <http://users.civil.ntua.gr/chgantes/en/> - LinkedIn: www.linkedin.com/in/CharisGantes**SUMMARY OF ACTIVITIES IN EXPERIMENTAL EVALUATION OF STEEL STRUCTURES****SUPERVISION OF DOCTORAL THESES**

- Vasilis Papavasileiou (in progress), "Evaluation of the Structural Vulnerability of Existing Prefabricated Steel Bridges"
- Stelios Vernardos (in progress), "Design of Wind Turbine Towers with Sandwich Type Sections".
- Konstantina Koulatsou (in progress), "Fatigue Analysis of Wind Turbine Tower Connections".
- Ilias Thanasoulas (January 2020), "Stability Criteria for Tubular-Section Steel Arches".
<https://www.didaktorika.gr/eadd/handle/10442/47176>
- Vassilis Melissianos (July 2016), "Buried Steel Pipelines with Flexible Joints under Faulting".
<https://www.didaktorika.gr/eadd/handle/10442/41960>
- Kostis Kalochairetis (January 2014), "Built-up Steel Columns with Arbitrary Boundary Conditions Subjected to Combined Axial and Transverse Loads".
<https://www.didaktorika.gr/eadd/handle/10442/37419>
- Christoforos Dimopoulos (July 2012), "Stiffening of Manholes in Steel Shells of Wind Turbine Towers - Experimental and Numerical Investigation".
<http://dx.doi.org/10.12681/eadd/27476>
- Minas Lemonis (December 2006), "Beam to Column Joints in Steel Frames".
<https://www.didaktorika.gr/eadd/handle/10442/16852>

JOURNAL PUBLICATIONS

- Vernardos, S. and Gantes, C.J., "Experimental Behavior of Concrete-Filled Double-Skin Steel Tubular (CFDST) Stub Members under Axial Compression: A Comparative Review", *Structures*, Vol. 22, pp. 383-404, Dec. 2019.
doi: <https://doi.org/10.1016/j.istruc.2019.06.025>
- Thanasoulas, I.D., Douthe, C.E., Gantes, C.J. and Lignos, X.A., "Influence of Roller Bending on RHS Steel Arches: Experimental and Numerical Investigation", *Thin-Walled Structures*, Vol. 131, pp. 668-680, Oct. 2018.
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- Melissianos, V.E., Lignos, X.A., Bachas, K.K. and Gantes, C.J., "Experimental Investigation of Pipes with Flexible Joints under Fault Rupture", *Journal of Constructional Steel Research*, Vol. 128, pp. 633-648, Jan. 2017.

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- Kalochairetis, K.E. Gantes, C.J. and Lignos, X.A., “Experimental and Numerical Investigation of Eccentrically Loaded Laced Built-Up Steel Columns”, *Journal of Constructional Steel Research*, Vol. 101, pp. 66-81, October 2014.

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- Dimopoulos, C.A. and Gantes, C.J., “Experimental Investigation of Buckling of Wind Turbine Tower Cylindrical Shells with Opening and Stiffening under Bending”, *Thin-Walled Structures*, Vol. 54, pp. 140-155, May 2012.

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CONFERENCE PUBLICATIONS

- Filograno, M.L., Piniotis, G., Gikas, V., Papavassiliou, V., Gantes, C.J., Kandyla, M. and Riziotis, C., “Experimental Validation of a Prototype Photonic Phase Optical Time Domain Reflectometer for SHM in Large-Scale Infrastructures”, *4th Joint International Symposium on Deformation Monitoring (JISDM)*, Athens, Greece, 15-17 May 2019.
- Koulatsou, K., Kosmidou, E., Lignos, X.A. and Gantes, C.J., “Experimental Investigation of the Behavior of Bolted Wind Turbine Tower Connections under Static Loading”, *9th Hellenic National Conference on Steel Structures*, Larissa, Greece, 5-7 Oct. 2017 (in Greek with English summary).
- Vernardos, S.M., Lignos, X.A., Badogiannis, E.G. and Gantes, C.J., “Experimental Investigation of Bending Behavior of Sandwich Section Shells for Wind Turbine Towers”, *9th Hellenic National Conference on Steel Structures*, Larissa, Greece, 5-7 Oct. 2017 (in Greek with English summary).
- Kalochairetis, K.E. and Gantes, C.J., “Collapse Load of Laced Built-up Members: Experimental, Numerical and Analytical Investigation”, *EuroSteel 2014, 7th European Conference on Steel and Composite Structures*, Napoli, Italy, Sept. 10-12, 2014.
- Kalochairetis, K.E. and Gantes, C.J., “Experimental and Numerical Investigation of Collapse Load of Laced Built-up Columns”, *International Association for Shell and Spatial Structures (IASS) Symposium 2013 “Beyond the Limits of Man”*, J.B. Obrębski and R. Tarczewski (eds.), Wroclaw University of Technology, Poland, Sep. 23-27, 2013.
- Douthe, C., Adamakos, K., Gantes, C.J. and Lignos, X., “Experimental Testing of Arches with Rectangular Hollow Sections”, *6th European Conference on Steel and Composite Structures*, Budapest, Hungary, Aug. 31 - Sep. 2, 2011, pp. 2181-2186.
- Dimopoulos, C.A. and Gantes, C.J., “Experimental Investigation os Buckling of Cantilever Cylindrical Shells with Opening and Stiffening”, *6th European Conference on Steel and Composite Structures*, Budapest, Hungary, Aug. 31 - Sep. 2, 2011.