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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 NUMERICAL EVALUATION OF WIND PRESSURES ON STRUCTURES****FUNDED RESEARCH PROJECTS**

- “BridgeCloud - Model-Based Aeroelastic Analysis of Long-Span Bridges on the HPC Cloud”, Eurostars Program, P.I. of the NTUA research team (2013-2015).
- “Dynamic wind-cable interaction”, PEVE-2007 funded by the National Technical University of Athens, P.I. (2007-2009).

SUPERVISION OF DOCTORAL THESES

- Aggelos Karvelis (in progress), “Wind-Structure Interaction with Emphasis on Steel Structures”.

JOURNAL PUBLICATIONS

- Vassilopoulou, I., Petrini, F. and Gantes, C.J., “Nonlinear Dynamic Behavior of Cable Nets Subjected to Wind Loading”, *Structures*, Vol. 10, pp. 170-183, May 2017.
doi: <http://dx.doi.org/10.1016/j.istruc.2017.03.004>
- Dimopoulos, C.A., Koulatsou, K., Petrini, F. and Gantes, C.J., “Assessment of Stiffening Type of the Cutout in Tubular Wind Turbine Towers under Artificial Dynamic Wind Actions”, *Journal of Computational and Nonlinear Dynamics (ASME)*, Vol. 10, No. 4, pp. 041004-1 - 041004-9, July 2015.
doi: <http://dx.doi.org/10.1115/1.4028074>

CONFERENCE PUBLICATIONS

- Margariti, G., Bentas, A., Gantes, C.J., Fourniotis, N. and Dimas, A.A., “Parametric Study of Wind Effect on Wave Hydrodynamic Loading Acting on Monopile Offshore Wind Turbines”, *8th Greek National Steel Structures Conference*, Tripoli, 2-4 Oct. 2014 (in Greek with English summary).
- Koulatsou, K., Thanasoulas, I., Margariti, G. and Gantes, C.J., “Artificial Wind Load Time Histories Generation on Wind Turbine Towers”, *8th Greek National Steel Structures Conference*, Tripoli, 2-4 Oct. 2014 (in Greek with English summary).
- Koulatsou, K., Petrini, F., Vernardos, S. and Gantes, C.J., “Artificial Time Histories of Wind Actions for Structural Analysis of Wind Turbines”, *BCCCE 2013: 2nd International Balkans Conference on Challenges of Civil Engineering*, Tirana, Albania, May 23-25, 2013.
- Ruck, B., Γαντές, Χ.Ι., Γκολογιάννης, Χ.Π. και Κουλάτσου, Κ., “Δοκιμές Αεροδυναμικής Σήραγγας για τον Υπολογισμό Ανεμοπιέσεων Μεταλλικού Στεγαστρου Νέου Γηπέδου Παναθηναϊκού στο Βοτανικό”, *7^ο Εθνικό Συνέδριο Μεταλλικών Κατασκευών*, Βόλος, 29-30 Σεπ. και 1 Οκτ. 2011.
- Vassilopoulou, I., Gantes, C.J. and Gkimousis, I., “Response of Cable Networks under Wind Loading”, *7th Greek National Steel Structures Conference*, Volos, Sep. 29 - Oct. 1, 2011 (in Greek with English summary).

- Vassilopoulou, I. and Gantes, C.J., “Nonlinear Dynamic Behaviour of Saddle Shaped Cable Nets under Wind Action”, *35th International Symposium on Bridge and Structural Engineering*, jointly organised by IABSE-IASS, London, England, September 20-23, 2011.
- Gantes, C.J., Theodoridis, G. and Kalligeros, C.K., “Presentation of the Structural System and Calculation of Wind Pressures for the Hangar of the New AEK Stadium”, *5th Greek National Steel Structures Conference*, Xanthi, 29 Sep.-2 Oct. 2005, E. Galousis, I. Ermopoulos, Ch. Calfas Eds., Vol. II, pp. 93-100 (in Greek with English summary).