


Burlina, Celeste ; Georgakis, Christos T. ; Larsen, Søren V. ; Egger, Philipp. / Comparative analysis of bridge cables with concave fillets. Paper presented at First International Symposium on Flutter and its Application, 2016, Tokyo, Japan.10 p.


Burlina, Celeste ; Georgakis, Christos T. ; Larsen, Søren V. ; Egger, Philipp. / Optimization of bridge cables with concave fillets. Paper presented at 8th International Colloquium on Bluff Body Aerodynamics and Applications, Boston, United States.10 p.


Roldsgaard, Joan Hee ; Georgakis, Christos Thomas ; Faber, Michael Havbro. / Probabilistic Assessment of the Occurrence and Duration of Ice Accretion on Cables. In: Structural Engineering International. 2015 ; Vol. 25, No. 1. pp. 91-101.


Georgakis, Christos T. (Inventor) ; Kleissl, Kenneth (Inventor). / A construction and a tension element comprising a cable and one or more strakes. IPC No.: E01D11/00; E01D11/02; E01D11/04; E01D19/16; F15D1/10. Patent No.: WO2014001514A1. Jan 03, 2014.


Roldsgaard, Joan Hee ; Kiremidjian, A. ; Georgakis, Christos T. ; Faber, Michael Havbro. / Preliminary probabilistic prediction of ice/snow accretion on stay cables based on meteorological variables. Paper presented at 11th international conference on Structural Safety & Reliability Conference, New York, United States.


Kleissl, Kenneth ; Georgakis, Christos T. / Comparison of several innovative bridge cable surface modifications. Paper presented at The Seventh International Colloquium on Bluff Body Aerodynamics and Applications, Shanghai, China.8 p.

Matteoni, Giulia ; Georgakis, Christos. / **Aerodynamic coefficients of dry inclined cables in smooth flow.** Proceedings of 9th International Symposium on Cable Dynamics. 2011.

Matteoni, Giulia ; Georgakis, Christos ; Ricciardelli, Francesco. / **Aerodynamic coefficients of stationary dry inclined bridge cables in laminar flow.** Proceedings of the XIII Italian Steel Conference. 2011.

Kleissl, Kenneth ; Georgakis, Christos. / **Aerodynamic control of bridge cables through shape modification: A preliminary study.** In: Journal of Fluids and Structures. 2011 ; Vol. 27. pp. 1006-1020.

Winkler, Jan ; Fischer, Gregor ; Georgakis, Christos T. ; Kotas, Agnieszka. / **A preliminary bending fatigue spectrum for steel monostrand cables.** In: Journal of the International Association for Shell and Spatial Structures. 2011 ; Vol. 52, No. 4. pp. 249-255.

Winkler, Jan ; Fischer, Gregor ; Georgakis, Christos T. ; Kotas, Agnieszka. / **A Preliminary Bending Fatigue Spectrum for Steel Monostrand Cables.** Proceedings. 2011.


Gimsing, Niels Jørgen ; Georgakis, Christos. / **Cable Supported Bridges : Concept and Design.** 3 ed. Great Britain : John Wiley & Sons Ltd, 2011. 512 p.
Kleissl, Kenneth ; Georgakis, Christos. / Comparison of the aerodynamics of bridge cables with helical fillets and a pattern-

Kleissl, Kenneth ; Georgakis, Christos. / Comparison of the aerodynamics of yawed bridge cables with helical fillets and a

Georgakis, Christos T. ; Acampora, Antonio. / Determination of the aerodynamic damping of dry and wet bridge cables

Matteoni, Giulia ; Georgakis, Christos. / Effects of bridge cable surface roughness and cross-sectional distortion on

Brincker, Rune ; Brandt, Anders ; Georgakis, Christos ; Roldsgaard, Joan Hee ; Schilz, Dietmar. / Estimation of Damping
for one of the new European Court Towers in Luxembourg. Civil Engineering Topics: Proceedings of the 29th IMAC, A

Ingólfsson, Einar Thór ; Georgakis, Christos ; Ricciardelli, Francesco ; Jönsson, Jeppe. / Experimental identification of
pedestrian-induced lateral forces on footbridges. In: Journal of Sound and Vibration. 2011 ; Vol. 330, No. 6. pp. 1265-
1284.

Koss, Holger ; Gjelstrup, Henrik ; Georgakis, Christos. / Experimental Study of ice accretion on circular cylinders at

Winkler, Jan ; Georgakis, Christos. / Fatigue-induced bridge stay cable failures: a review. Proceedings of 9th International
Symposium on Cable Dynamics. 2011.

Brand, Werner ; Märzluft, Andreas ; Fischer, Gregor ; Georgakis, Christos. / Fatigue testing of monostrands for stay cables

Acampora, Antonio ; Macdonald, J.H.G. ; Georgakis, Christos. / Identification of aeroelastic forces on bridge cables from

Ingólfsson, Einar Thór ; Georgakis, Christos T. ; Jönsson, Jeppe ; Ricciardelli, Francesco. / Pedestrian-induced lateral

Acampora, Antonio ; Georgakis, Christos. / Recent monitoring of the Øresund Bridge: Observations of rain-wind induced

Li, Hongli ; Georgakis, Christos ; Chen, Z. Q. / The Response Spectrum Methodology considering inter- and intra-subject

Koss, Holger ; Georgakis, Christos ; Larsen, Søren V. / Bridge Cables - and Wind, Rain, Ice and Snow. In: Wind Tunnel

Kleissl, Kenneth ; Georgakis, Christos. / Bridge ice accretion and de- and anti-icing systems: A review. The 7th Internation

Ingólfsson, Einar Thór ; Georgakis, Christos ; Ricciardelli, Francesco ; Procino, Lorenzo. / Lateral human-structure
interaction on footbridges. 10th International Conference on Recent Advances in Structural Dynamics. 2010.


Møller, Jacob Steen ; Georgakis, Christos ; Olesen, Bjarne W. ; Ottosen, Lisbeth M. ; Tommerup, Henrik M. ; Strømann-Andersen, Jakob Bjørn ; Nielsen, Martin Vraa ; Jørgensen, Michael ; Quiltzau, Maj-Britt ; Janssen, Hans ; Goltermann, Per ; Choma, Mojmir ; Brandt, Inooraq ; Borchersen, Egl ; Geiker, Mette Rica ; Stang, Henrik ; Olesen, John Forbes ; Welin, Charlotte. / Annual Report 2008. 2009. 38 p.


Georgakis, Christos ; Støttrup-Andersen, Ulrik ; Johnsen, Marie ; Nielsen, Mogens ; Koss, Holger. / Drag coefficients of lattice masts from full-scale wind-tunnel tests. 5th European African Conference on Wind Engineering. 2009.

Gjelstrup, Henrik ; Larsen, Allan ; Georgakis, Christos ; Koss, Holger. / A NEW GENERAL 3DOF QUASI-STEADY AERODYNAMIC INSTABILITY MODEL. 6th International Colloquium on Bluff Bodies Aerodynamics and Applications. 2008.


Gjelstrup, Henrik ; Georgakis, Christos ; Larsen, Allan. / A Preliminary Investigation of the Hanger Vibrations on the Great Belt East Bridge. Seventh International Symposium on Cable Dynamics. 2007.

Riisgaard, Benjamin ; Ngo, Tuan ; Mendis, Priyan ; Georgakis, Christos ; Stang, Henrik. / Dynamic Increase Factors for High Performance Concrete in Compression using Split Hopkinson Pressure Bar. Fracture Mechanics of Concrete and Concrete Structures. 2007.
Riisgaard, Benjamin ; Georgakis, Christos ; Stang, Henrik ; Mendis, Priyan ; Ngo, Tuan. / Finite element analysis and experimental verification of Polymer reinforced CRC improved for close-in detonation. In: International Journal of Impact Engineering. 2007.

Riisgaard, Benjamin ; Georgakis, Christos ; Stang, Henrik ; Ngo, Tuan. / Full scale numerical analysis of high performance concrete columns designed to withstand severe blast impact. Modern Design, Construction and Materials of Structures. Vol. 3 2007.


Ricciardelli, Fransesco ; Briatico, C ; Ingólfsson, Einar Thór ; Georgakis, Christos. / Experimental validation and calibration of pedestrian loading models for footbridges. Experimental Vibration Analysis for Civil Engineering Structures. editor / Alvaro Cunha ; Elsa Caetano. 2006. pp. 189-199


