

Publikationen M. Nöldgen

2015

M. Nöldgen; J. Harder, W. Wassmann: Closing the GAP in BIM – an Engineering Approach, IABSE Conference 2015, 23.-25.09.2015, Conference Proceedings, Genf, Schweiz

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A. Bach, P. Moerland, S. Siepmann, W. Wassmann, M. Nöldgen: Tragwerksplanung mit BIM im Hoch- und Brückenbau, Ernst & Sohn Special 2015, BIM – Building Information Modeling, November 2015, Verlag Ernst & Sohn, in Vorbereitung

2014

M. Nöldgen, K. Zilleßen, I. Müllers, T. Hehle: Einsatz von BIM im Hochbau – Effekte auf die Tragwerksplanung. Bautechnik, 91, 2014, pp. 251–256, doi: 10.1002/bate.201400025

M. Nöldgen, A. Bach, T. Heinz: Integration of Resilience Engineering in the trans-disciplinary Building Design Process, 9th Future Security Research Conference, Berlin, 16.-18.09.2014, Conference Proceedings, Fraunhofer IRB Verlag

2013

M. Nöldgen, W. Riedel, K. Thoma, E. Fehling: Material Properties of Ultra High Performance Concrete (UHPC) in Tension at High Strain Rates, 8th International Conference on Fracture Mechanics of Concrete and Concrete Structures, FraMCoS-8, Toledo, Spain, 2013, ebook by CIMNE, p325, ISBN (Ebook) 978-84-941004-1-3

A. Bach, A. Stolz, M. Nöldgen, K. Thoma: Modelling of Preloaded Reinforced-Concrete Structures at Different Loading Rates, 8th International Conference on Fracture Mechanics of Concrete and Concrete Structures, FraMCoS-8, Toledo, Spain, 2013, ebook by CIMNE, p345, ISBN (Ebook) 978-84-941004-1-3

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W. Riedel, M. Nöldgen, A. Stolz, W. Wassmann: Innovative kritische Infrastrukturen mit Hochleistungsbetonen: Auslegungsmethoden gegen Flugzeuganprall, Beton- und Stahlbetonbau 108 (2013), Heft 8, Verlag Ernst & Sohn

A. Bach, M. Nöldgen, A. Stolz: A contribution to a Reliable Design of Reinforced-Concrete Elements against Explosions, 15th ISIEMS Conference 2013, Potsdam, Germany

M. Nöldgen, A. Bach: Recommendations for European Standards on Critical Built Infrastructure under Malicious (Explosive) Threats, 8th Future Security Research Conference, Berlin, 17.-19.09.2013, Conference Proceedings, Fraunhofer IRB Verlag, pp. 352-361, ISBN 978-3-8396-0604-9

M. Nöldgen, K. Zilleßen, I. Müllers: Einsatz von BIM bei der Tragwerksplanung von Hochbauten – Ein Statusbericht, Ernst & Sohn Special 2013 · BIM – Building Information Modelling, November 2013, Verlag Ernst & Sohn

2012

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F. Lukaschek, I. Müllers, A. Nawabi, A. & M. Nöldgen: Design Loads and Methods for Prestressed Open Cut Tunnels under Severe Accidental and Malicious Threats – Large Scale Fires, Fifth International Symposium on Tunnel Safety and Security, New York, USA, March 14-16, 2012

A. Nawabi, A. Bach, I. Müllers, A. Stolz, M. Nöldgen: Design Loads and Methods for Prestressed Open Cut Tunnels under Severe Accidental and Malicious Threats – Explosions, Fifth International Symposium on Tunnel Safety and Security, New York, USA, March 14-16, 2012, Conference Proceedings pp. 213-222

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M. Nöldgen: Modeling of Ultra High Performance Concrete (UHPC) under Impact Loading – Design of a High Rise Building Core against Aircraft Impact, *Schriftenreihe $\dot{\epsilon}$ - Forschungsergebnisse aus der Kurzzeitdynamik*, Fraunhofer Verlag, Heft 19, 2011, ISBN 978-3-8396-0286-7

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