



BUILDING INSTRUMENTATION & STRUCTURAL HEALTH MONITORING



References

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- ENAC -EPFL structural monitoring - Switzerland , 2013
- EPFL-LMC - Alkali reaction in concrete - Switzerland , 2016
- Ghent University - Belgium, 2017
- Grand Paris Line 14 Maison Blanche - France , 2018
- Jubile Sport Hall in Swiss Olympic Center - Switzerland , 2018
- Kranji building - Singapore - Singapore , 2009
- Lithuanian Exhibition & Congress Centre - Lithuania , 2017
- Milad Telecom Tower - Iran, Islamic Republic of , 2009
- Molson Coors Building Monitoring - Canada , 2014
- Moses Wheeler Bridge - USA , 2014
- Nam Dae Moon Gate - Korea, Republic of , 2007
- Nikkei building monitoring - Japan ,2006, 2009
- Olympic Stadium and Montreal Velodrome - Canada , 2010
- Palazzo Sceriman - Italy , 2001
- Parc des Expositions la Porte de Versailles - France
- Portogruaro Dome Tower, - Italy , 2017
- Pyramide du Louvres - France
- Ramses II Statue - Egypt
- Riga Cathedral - Latvia, 2019
- Roof lining deformations - Switzerland , 1997
- Strain measurements in concrete formwork - Switzerland , 2014
- Structural cracks in school building - Switzerland , 2007
- Villa foundations - Switzerland , 1999
- Wailing wall tunnel in Jerusalem - Israel , 2012
- Water treatment plant - Switzerland , 1999
- 9 Geschosse Wohngebäude Ueberwachung - Switzerland , 2009
- 33 Floors High-rise - Japan , 2006

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Case Studies

[Strain measurements in concrete formwork - Switzerland , 2014](#)
[Smart Building at University Campus - Germany , 2013](#)
[Palace in Angola - Angola , 2009](#)
[Riga Dome Monitoring - Latvia , 2007](#)
[Skyline skyscraper in Cosenza - Italy , 2008](#)
[Halifax Metro Centre - Canada , 2006](#)
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[Annunciation Cathedral Kremlin - Russian Federation , 2005](#)
[Seok-Ga Pagoda - Korea, Republic of , 2006](#)
[Pushkin State Museum of Fine Arts - Russian Federation , 2004](#)
[Cason del Buen Retiro - Spain , 2005](#)
[Duxton link bridge 5 - SOFO - Singapore , 2009](#)
[Wankdorf stadium - Switzerland , 2001](#)
[Watch production center - Switzerland , 2001](#)
[Building concrete columns - Singapore , 2001](#)
[EXPO02 Piazza Pinocchio - Switzerland , 2002](#)
[Villa Reale Monza - Italy , 2000](#)
[Helsinki Railway station roof monitoring - Finland , 1998](#)
[Gandria Church - Switzerland , 1997](#)

Selected Publications

[Concrete building, monitoring data and Bayesian epistemology](#),
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[Dynamic Monitoring of Buildings](#), Martin Gruber, Dr. Christoph Don-
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[Integrated Structural Health Monitoring Systems for Buildings](#),
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Available in Application Note

- Bridge instrumentation and Structural Health Monitoring
- Building Instrumentation and Structural Health Monitoring
- Cryogenic Instrumentation & Safety Monitoring
- Dam & Dikes Instrumentation and Safety Monitoring
- FO Leak Detection System for Dams and Dikes
- FO Leak Detection in Process & Chemical Plants
- FO Leak Detection for Pipelines in Foundations
- FO Mining Instrumentation & Site Safety Monitoring
- FO LNG Pipeline Monitoring
- FO LNG Tank Monitoring
- Geothermal Monitoring
- Geotechnical & Structural Instrumentation
- Mining Instrumentation & Site Safety
- Nuclear Power Plants Instrumentation & Safety Monitoring
- Penstocks Instrumentation & Structural Health Monitoring
- Research Structural Health Assessment Systems
- Tunnel Instrumentation & Structural Health Monitoring
- Tailing Dams Monitoring