

TUESDAY, JULY 13th:**ROOM: H3** second floor Sectional Keynote Lecture**Session 6.1-1: Bridges I: Cable - Stayed Bridges: 10:15 – 11:45**

Chair: Wenzel, H.		Co-Chair: Lu, S.	
Geier, R.	Condition Monitoring of Stay Cables		
Marazzi, F.; Magonette, G.	Cable-stayed Bridge Control: Strategies and Implementations		
Xiang, Y.; Weng, S.	Study on Cable Tension Optimization of Cable Stayed Bridge		
Park, K.; Jung, H.; Oh, J.; Lee, I.	Robust Hybrid Control of a Cable-Stayed Bridge		

Session 5-1: Health Monitoring I: 13:00 – 14:30

Chair: Niemeier, W.		Co-Chair: Lu, S.	
Aktan, E.; Grimmelsman, K.; Ciloglu, K.	Evaluation of Structural Health Monitoring Techniques for Damage Assessment through a Benchmark Physical Model		
Vestroni, F.; Cerri, M.; Vidoli, S.; dell'Isola, F.	Structural Health Monitoring Based on Measurements of Dynamic Response		
Santa, U.; Bergmeister, K.; Strauss, A.	Structural Monitoring - Experiences and Results		

Session 6.2-1: Buildings I: 14:45 – 16:15

Chair: Mentas, G.		Co-Chair: Handel, C.	
Rakicevic, Z.; Jurukovski, D.	Effectiveness of Viscous Damping in Controlling of Storey Displacement		
Mata, P.; Barbat, A.; Oller, S.	Improvement of the Seismic Behaviour of Precast Concrete Structures by Means of Energy Dissipating Devices.		
Lee, D.; Kim, H.; Lee, S.	Efficient Vibration Analysis for Floors in A Shear Wall Building Structure		
Mentas, G.	Investigation of the deformations and movements of the TV tower in Sopron influenced by weather variations and ground motions		
Anarkulov, N.; Begaliev, U.	Seismic Isolation Systems in Kyrgyzstan		

Session 5-2: Health Monitoring II: Bridges: 16:45 – 18:15

Chair: Strauss, A.		Co-Chair: Handel, C.	
Niemeier, W.	Four Years of Monitoring of an Old Bridge with Continuous Geodetic Measurements and Data Processing using Artificial Neural Networks		
Hillemeier, B.; Scheel, H.	Fast Location of Prestressing Steel Fractures in Parkinglots and Bridge Decks		
De Corte, W.; Van Bogaert, P.	Fatigue Assessment of Orthotropic Bridge Decks through High-frequency Strain Gauge Measurements		
Kister, G.; Winter, D.; Badcock, R.; Fernando, G.; Gebremichael, Y.	Structural Health Monitoring of an All-composite Bridge using Bragg Grating Sensors		