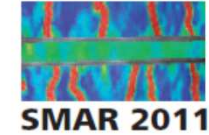


SMAR 2011 Conference Dubai



**First Middle East Conference on Smart Monitoring,
Assessment and Rehabilitation of Civil Structures**

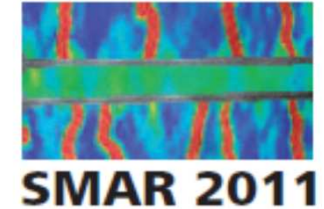
SMAR 2011, Dubai UAE

8 – 10 February 2011

American University in Dubai (AUD)

Conference website: smar.empa.ch





Top 5 papers in *Structural Health Monitoring*

Bridge Monitoring: A Pilot Project for Performance Assessment Management of Concrete Bridges

Koenders, E.A.B, Kok, J., Bosma, C., Galenkamp, H., Obladen, B.

Structural health monitoring of offshore concrete structures using FBG sensors

Marzouk, H., Rizk, E., Gu, X., Hussein, A.

Condition monitoring of concrete bridge decks through periodical NDE using multiple technologies

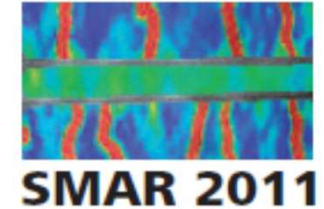
Gucunski, N., Ghasemi, H., Maher, A.

Acoustic Monitoring used to manage the Life of Cable Supported Bridges

Tozser, O., Elliot, J., Garcia, R.

Seismic response of the Fossanova gothic church: numerical analysis and experimental validation

De Matteis, G., Campitiello, F., Mazzolani, F.M.



Top 5 papers in *Damage Control, Repair and Strengthening*

Strengthening of Historical Masonry Vaults and Pillars with Carbon Fabric

Witzany, J., Cejka, T., Zigler, R.

Application of Prestressed Near Surface Mounted Carbon Fibre Reinforced Polymer (PNSM)

Vorwagner, A., Burtscher, S.L., Grass, G., Freund, C.

Strengthening of RC Chimneys with FRP Composites

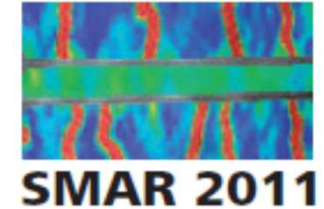
Galati, N., Alkhrdaji, T.

Paraseismic strengthening of concrete columns by composite confinement

Suter, R., Grisanti, M.

Innovative technique in strengthening of reinforced concrete columns

Biddah, A., Ghobarah, A.



Conference Best Paper Award

Selected by two committees lead by Dr. Raafat El-Hacha and Dr. Masoud Motavalli

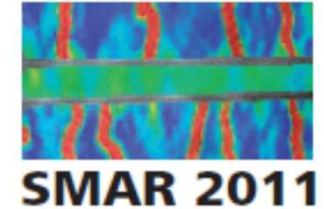
Mirkro Ros Silver Award (Mirkro Ros: Empa CEO 1924-1949)

Acoustic Monitoring used to manage the Life of Cable Supported Bridges

Tozser, O., Elliot, J., Garcia, R.

Strengthening of RC Chimneys with FRP Composites

Galati, N., Alkhrdaji, T.



Thanks to:

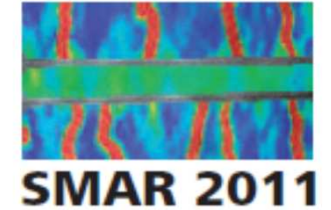
All Participants and Authors

All Industrial and Institutional Sponsors

Empa and AUD Organization Team

Conference Co-Chairs

Members of International Scientific Committee and all Reviewers



Special Thanks to:

Ms. Bernadette Havranek (Empa)

and

Ms. Pameline Martin (AUD)