

DETAILED PROGRAMME

Thursday, March 2 nd , 2017	
08:00 – 08:30	Registration for meetings & Joint workshop
08:30 – 09:00	Opening of Meetings and Joint Workshop - Welcome speeches/presentation (WORKSHOP HALL) <i>I. Završki, Vice Dean for International Cooperation; Jose Matos, Chair of the Cost Action TU 1406; A. Mandić Ivanković, Vice-Chair of the Cost Action TU 1402; A. Kindij, Institut IGH Inc.; D. Tenžera, Croatian Roads Ltd.</i>
09:00 – 12:20	Session 1: COST Action TU 1406 - Performance assessment of existing Bridges for their reliable management (WORKSHOP HALL) <i>Moderators: Rade Hajdin & Irina Stipanović Oslaković</i>
09:00 – 09:25	Keynote presentation: Risk-, Resilience- and Sustainability-Informed Decision Making for Bridges in a Life-Cycle Multi-Objective Optimization Context <i>D. M. Frangopol</i>
09:30 – 09:45	Performance indicators for road bridges - overview of findings and future progress <i>A. Strauss, A. Mandić Ivanković, J. C. Matos, J. R. Casas</i>
09:50 – 10:05	Multi-criteria decision making: AHP method applied for network bridge prioritization <i>Z.A. Bukhsh, I. Stipanovic Oslakovic, G. Klanker, N. P. Hoj, B. Imam, Y. Xenidis</i>
10:10 – 10:30	Coffee break
10:30 – 10:45	Structural Health Monitoring and Design Code compliance for performance assessment of bridges under scour and seismic hazards <i>M. A. Zanini, F. Faleschini, N. Ademovic, L. J Prendergast, K. Gavin, M. P. Limongelli</i>
10:50 – 11:05	The impact of different maintenance policies on ownerscosts: Case Studies from Croatia and the Netherlands <i>G. Klanker, I. Stipanovic Oslakovic, S. Skaric Palic</i>
11:10 – 11:25	Performance indicators for bridges exposed to a flooding hazard <i>N. Tanasic, R. Hajdin</i>
11:30 – 11:45	Basis for the development of Quality Control Plans for Arch Bridges <i>J. Amado, R. Hajdin</i>
11:50 – 12:05	Bridge inspection quality improvement using standard inspection methods <i>M. Kušar</i>
12:10 – 12:20	Discussions
12:30 – 13:30	Lunch
13:30 – 16:50	Session 2: COST TU1402 Framework, Strategies and Tools towards the Quantification of the Value of Structural Health Monitoring (WORKSHOP HALL) <i>Moderators: Helmut Wenzel & Geert Lombaert</i>
13:30 – 13:55	Keynote presentation: Bayesian uncertainty quantification and sparse Bayesian learning for model updating in structural health monitoring <i>James L. Beck, Yong Huang</i>
14:00 – 14:15	Observation-based Decision-making for Infrastructure <i>E. Chatzi, D. Straub, R. Hajdin</i>
14:20 – 14:35	Monitoring during life cycle of bridges to establish performance indicators <i>P. Haardt, R. Holst</i>
14:40 – 14:55	Application of DIC to monitor reinforced concrete structures <i>L. Saucedo-Mora, C. Andrade Perdrix, C. L. Hombrados, J. Barroso, A. Z. Bragado</i>
15:00 – 15:20	Coffee break
15:20 – 15:35	System Reliability of Bridge Structure Subjected to Chloride Ingress <i>B. J. Leira, S. Thøns, M. H. Faber</i>
15:40 – 15:55	Quantifying the value of SHM for emergency management of bridges at-risk from seismic damage based on their performance indicators <i>P. Omenzetter, M. P. Limongelli & U. Yazgan, S. Soyoz</i>

16:00 – 16:15	Application of Bridge Weigh-in-Motion measurements in assessment of existing road bridges <i>D. Skokandić, A. Žnidarič, A. Mandić Ivanković, M. Kreslin</i>
16:20 – 16:35	Optimal decisions based on monitoring – case study of steel roof <i>D. Lenzi, D. Diamantidis, M. Sykora</i>
16:40 – 16:50	Discussions
17:00 – 19:00	Technical visit in Zagreb (Sava bridges)
19:30 – 22:00	<i>Networking Dinner (VINODOL)</i>
Friday, March 3rd, 2017	
08:00 – 08:30	<i>Registration for meetings & Joint workshop</i>
08:30 – 12:00	Session 3: IABSE WC1 - Management and Performance-assessment of Existing Structures <i>Moderators: Hitoshi Furuta & Ana Mandić Ivanković (WORKSHOP HALL)</i>
08:30 – 08:55	Keynote presentation: What We Have Learned from Operational Monitoring and Serviceability Assessment of Long-Span Bridges <i>Ho-Kyung Kim</i>
09:00 – 09:15	Indicators for the performance assessment of road bridges through monitoring <i>P. Tanner, M. Prieto</i>
09:20 – 09:35	Bridge scour reliability under changing environmental conditions <i>B. Imam, A. Kallias</i>
09:40 – 09:55	Bridge SMS: Intelligent bridge maintenance and management system <i>D. Bekic, I. Kerin, P. Michalis, E. McKeogh, P. Cahill, V. Pakrashi</i>
10:00 – 10:20	<i>Coffee break</i>
10:20 – 10:45	Keynote presentation: New Technologies for Condition Assessment of Existing Structures <i>Hitoshi Furuta</i>
10:50 – 11:05	Non Gaussian multi-parameter Bayesian estimation through the mechanical equivalent of logical inference <i>D. Bolognani, A. Verzobio, C. Cappello, D. Tonelli, B. Glisic, D. Zonta</i>
11:10 – 11:25	Integrated Structural Health Monitoring in steel arches bridges using continuous dynamic monitoring: two case studies in China <i>J. Gao, T. Liu, B. Briseghella, G. Carlo Marano</i>
11:30 – 11:45	Optimal sensor placement for Spatial Variability Assessment of Structures <i>F. Schoefs, E. Bastidas-Arteaga</i>
11:50 – 12:00	Discussions
12:00 – 12:20	<i>Coffee break</i>
12:20 – 13:20	Closing session (WORKSHOP HALL) <i>Moderators: Sebastian Thöns, Jose Matos, Niels Peter Hoj</i>
12:20 – 13:10	Discussions, conclusions, further progress
13:10 – 13:15	Presentation of the next COST TU 1406 Workshop in Riga <i>by Ainars Paeglitis</i>
13:15 – 13:20	Presentation of the next COST TU 1402 Workshop in München <i>by Sebastian Thöns</i>
13:20 – 13:30	Closing speech <i>by Thöns, Matos, Hoj, Mandić Ivanković</i>
13:30 – 14:30	<i>Lunch</i>
14:30 – 15:30	Steering committee meeting of TU 1402, TU 1406 and IABSE (WORKSHOP HALL)
15:30 – 16:45	TU 1406 WG2+WG3 Meeting (ROOM 58, 75')
	TU 1402 MC Meeting (WORKSHOP HALL, 60')
	IABSE WC1 Meeting (ROOM 129, 75')
16:45 – 17:15	<i>Coffee break</i>
17:15 – 18:30	TU 1406 WG4+WG5+Innovative Subgroup Meeting (ROOM 58, 75')
18:30 – 19:15	TU 1406 MC Meeting, only for MC members (ROOM 58, 45')
19:30 – 22:00	<i>Social programme (STARI FIJAKER)</i>