

COST ACTION TU1406 QUALITY SPECIFICATIONS FOR ROADWAY BRIDGES, STANDARDIZATION AT A EUROPEAN LEVEL

eBook for the 5th Workshop Meeting

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Editors: Ainars Paeglitis, Jose Matos, Irina Stipanovic, Rade Hajdin, Amir Kedar, Vikram Pakrashi

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Opening Session

José Matos, Chairman of COST TU1406

Juris Smirnovs, Dean of Faculty of Civil Engineering, Riga Technical University, Latvia

Session 1

Keynote speaker: Roberts Auzins, Latvian State Roads, Latvia: *Achievements of bridge management in Latvia*

Keynote speaker: Pilate Moyo, University of Cape Town, South Africa: Experiences with management and structural performance assessment of highway bridges in South Africa

Zaharah Bukhsh, University of Twente, The Netherlands: Robustness of the MAUT model applied to bridge maintenance planning

Nikola Tanasić, University of Belgrade, Serbia: Assessment of reliability of bridges exposed to local scour



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Session 2

Mariano Angelo Zanini, University of Padova, Italy: A cost-based quality control plan for a sustainable bridge maintenance scheduling

Dismosthenis Kifokeris, Aristotle University of Thessaloniki, Greece: Bridge quality appraisal methodology: application in the Strimonas bridge case study

Ignacio Piñero, Fundación TECNALIA, Spain: Deusto bridge. Study and diagnosis for rehabilitation

Khurram Mumtaz, Bauhaus-University Weimar, Germany: *Benchmark* study frame bridge Glattfelden – an intermediate report



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Session 3

Keynote speaker: Sander Sein, Estonian Road Administration,

Estonia: Challenges of bridge management in Estonia

Keynote speaker: Anton Syrkov, Transmost, Russia: *Russian bridge management systems - state of the art and further risk-based development*

Naida Ademovic, University of Sarajevo, Bosnia and Herzegovina: Carbonization and service life protection of a historical reinforced concrete bridge

Viet Ha Nguyen, University of Luxembourg, Luxembourg: *Bridge monitoring with harmonic excitation and principal component analysis*





DEUSTO BRIDGE. STUDY AND DIAGNOSIS FOR REHABILITATION

Ignacio Piñero - Jesús Díez - Fran Barroso - Laura Pérez
Fundación TECNALIA Research & Innovation
Sustainable Construction – Infrastructures









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Integral sustainability in building systems and their materials



