

SECTION 4: RELIABILITY OF BUILDINGS AND CONSTRUCTIONS

| Authors | Title of oral report |
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| Alexander Ginzburg, Sergey Kachanov and Sergey Kozminikh | Maintenance of comprehensive safety of tunnel-type road interchanges |
| Maria Berger and Alexandr Tusnin | Determination of the dynamic coefficient by the local damage of the element of steel trusses |
| Aleksandr Mamin, Emil Kodysh, Vladimir Bobrov, Aleksandr Reutsu and Aleksej Klovsky | The design of the overall stability of the Shukhov radio tower taking into account the local damage |
| Nguyen Tuan Trung, Nguyen Truong Thang and Vo Manh Tung | Granular material pressure to reinforced concrete walls of cylindrical slender silos: Analysis and Experimental studies according to Eurocodes |
| Nguyen Duc thi Thu Dinh and Nguyen Huu Hung | Evaluating the cable tension results by lift-off and vibration method in Viet Nam |
| Duy Hoa Pham, Ba Danh Le, Cong Thang Nguyen and Huu Tu Tran | Modeling the fracture behavior of Ultra - High Performance Fiber Reinforced Concrete slabs under contact Blast Loading |
| Marek Maj and Andrzej Ubysz | Estimation of loads' main statistics for hot materials silo |
| Klaudia Jendrysik and Jarosław Rybak | Analysis of numerical model parameters for dry-mixed soil-cement composite with high content of organic matter |



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| Karim Sultanov, Bakhtiyar Khusanov and Barno Rikhsieva | Underground pipeline reliability under longitudinal impact load |
| Karim Sultanov, Bakhtiyar Khusanov and Barno Rikhsieva | Shear waves around an underground pipeline |
| Bakhodir Normuminov, Rustamkhan Abdikarimov, Mirziyod Mirsaidov, Dadakhan Khodzhaev and Bakhadir Mirzaev | Parametric vibrations of viscoelastic orthotropic cylindrical panels of variable thickness |
| Sabida Ismoilova, Pavel Loginov, Saidjon Khamidov, Nodirbek Akbarov and Jakhongir Kumakov | Properties of the forces of longitudinal interaction of an underground pipeline with soil |
| Sagdulla Abdukadirov, Abdulaziz Buriev and Mark Ayzenberg-Stepanenko | Computer simulation of fracture dynamics in a fiber-reinforced composite |

