

SECTION II
RELIABILITY AND SAFETY IN CONSTRUCTION
November 16, 2018
10:00-12.00

Theory of calculation and design of buildings and structures

Submission #	Title of the report	Authors and <u>Speaker</u>
268	Features of calculation and design of complex concrete monolithic slabs	Vitaliy Kuznetsov and <u>Yulia Shaposhnikova</u>
314	Comparative deformability of compressive members reinforced with steel and GFRP reinforcement	<u>Andrey Lapshinov</u> and Pavel Deminov
356	Comparative tests for horizontal stiffness of elastomeric bearings	Aleksandr Shuvalov, Larisa Safina and <u>Mikhail Kovalev</u>
386	Seismic stability of the 20-storey reinforced concrete frame building by various normative documents	<u>Levon Avetisyan</u>
243	Numerical studies of elastomeric isolator performance under static loads	<u>Oleg Mkrtychyev</u>
315	Modular system in the development of pre-school buildings	Olga Shirokova and <u>Alena Pavlyuk</u>
351	Using of carbon fiber fabric for reinforcement the walls of the aerated concrete blocks in buildings, constructed in seismic regions	<u>Bulat Dzhamuev</u>
71	Applying the dimensional method for valuation of the strength loss of cement compositions exposed to elevated temperatures	<u>Nikita Levashov</u> , Marina Akulova, Olga Potemkina, Alla Sokolova and Yulia Sokolova