

Thursday 11.11.2021

9:00 - 10:30

REGISTRATION

10:30 - 11:00

COFFE BREAK

11:00 - 12:30

SECTION I

11:00-11:15

Vitali Nadolski

Effect of target reliability level on partial factors for existing steel railway bridges

11:15-11:30

Vojtěch Bartoň

The expansion of defects of solid fired bricks due to their freezing

11:30-11:45

Jaroslav Šnědar

Detection of internal defects and failures of concrete structures using non-destructive methods

11:45-12:00

Grigorii Yakovlev

Effect of carbon-containing additives on the properties of fluoroanhydrite compositions used for flooring

12:00-12:15

Jan Puchýř

Comparison of different sensors used in assessment of concrete elements by Impact-Echo method

12:15-12:30

Jakub Hodul

Influence of physical and chemical stress on the properties of CIPP pipes based on vinyl ester

12:30 - 14:00

LUNCH

14:00 - 16:00

SECTION II POSTER

Nikola Prodanović

Corrosion properties and bond strength of coated (PE/PAK; PE/PPE; PAD) reinforcement (B500B) with normal strength concrete

Patrik Štastný

Investigation of the effectiveness of the rehabilitation of historical constructions, including wireless dehumidification technologies

Monika Utěšená

Color stability of colored concrete over time depending on the type of pigment

Petr Pokorný

Corrosion of zinc dust in cement paste – evaluation of hydrogen gas evolution time period

Lucie Kudrnáčová

Rehabilitation of specific microclimate in a historic building

Radka Pernicova

Degradation of colored concrete elements due to frost

Jana Marková

Rehabilitation of historical farmstead

Kateřina Kovářová

Stone Topography – an Useful Tool for Restoration of Building Heritage

Kateřina Sladká

Chemical analysis of the building material coating from Mánes bridge in Prague

Lenka Mészárosová

Study of microstructure of electrically conductive silicate composites with graphite-based fillers

Petr Pokorný

Introduction chapter on microbial corrosion of concrete - groups of typical organisms

Lenka Mészárosová

Research of a new chemically resistant repair mortar modified with secondary raw materials

Tomáš Žajdlík

Experimental testing results of a timber structure's fire resistance in a combustion chamber

Pavla Vrbová

Use of thin-layer insulating material for technical installations in the reconstruction of buildings

Radek Hermann

Assessment of chemical resistance of polymer repair mortars

Adam Zabloudil

Study of the preparation of micronized zinc phosphate dihydrate with potential for application in the phosphating process

Irina Polyanskikh

Resistance of electrically conductive concrete to sulphate attack

Eva Frimlová

Influence of moisture and wood density on borehole depth by Kučera's drill

18:30

22:00

DINNER

Friday 12.11.2021

9:00

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12:00

EXKURZE

Guided tour of historical fortress Vyšehrad

(meeting at the Vyšehrad metro station at 9:00 am, congress centre side)