Preface

The 19th International Conference on Rehabilitation and Reconstruction of Building -CRRB was held in Prague, Czech Republic on November 23 and November 24, 2017. The conference was organized by Scientific Society for the Restoration of Buildings and Care of Monuments WTA CZ together with Klokner Institute and Faculty of Civil Engineering of the Czech Technical University in Prague.

Almost forty participants took part on the 19th CRRB conference. They were mainly from the Czech Republic and Slovak Republic.

It is positive that there is straight continuity on the previous 18th International Conference on Rehabilitation and Reconstruction of Building – CRRB 2016, which was held in Brno, respectively.

The objective of the conference was to discuss current results of research and practical developments in protection and restoration of wood, timber frame and concrete structures and in restoration of stone. The attention was focused on surface treatment, physical-chemical properties and static and dynamics of structures as well.

The organizing committee of the 19th International Conference on Rehabilitation and Reconstruction of Building would like to thanks all speakers, session chairs and all participants that they made the conference fruitful and successful.

We also give many thanks to all reviewers from international community (Brazil, Germany, Hungary, Poland, Slovakiac and Ukraine) which carefully review all papers presented in the proceeding.

Finally, I would like to thanks to all help of Prof. Pavel Kuklík. Without his help, the conference could not be held.

Editor

Michaela Kostelecká

Committees

Organized by:



Scientific Society for the Restoration of Buildings and Care of Monuments WTACZ

together with



Klokner Institute of the Czech Technical University in Prague together with



Faculty of Civil Engineering, Czech Technical University in Prague

Chair of the Conference

Assoc. Prof. Ing. Jiri Kolisko, Ph.D.

Scientific Committee

Assoc. Prof. Ing. Jiri Bydzovsky, Ph.D.

David Biggs, P.E., S.E., Dist.M.ASCE, HTMS

Prof. Dr.-Ing. Ulrich Diederichs

Prof. Ing. Rostislav Drochytka, Ph.D., MBA

Prof. Ing. Tibor Durica, Ph.D.

Prof. Dr.-Ing. Harald Garrecht

Assoc. Prof. Ing. Tomas Klecka, Ph.D.

Assoc. Prof. Ing. Jiri Kolisko, Ph.D.

Prof. Ing. Pavel Kuklik, Ph.D.

Prof. Ing. Miloslav Novotny, Ph.D.

Prof. RNDr. Pavla Rovnanikova, Ph.D.

Assoc. Prof. Ing. Karel Šuhajda, Ph.D.

Organizing Committee

Assoc. Prof. Ing. Jiří Kolísko, Ph.D. – chairman

Assoc. Prof. Ing. Tomas Klecka, Ph.D. - vice-chairman

Prof. Ing. Pavel Kuklik, Ph.D. – vice-chairman

Ing. Michaela Kostelecka, Ph.D. – secretary for CRRB

Ing. Radka Pernicova, Ph.D. – secretary for WTA

Ing. Miroslav Havel

Ing. Pavel Stastny, Ph.D.

Ing. Jan Vaněrek, Ph.D.

Ing. Pavel Reiterman, Ph.D.

Assoc. Prof. Ing. Jan Vaněrek, Ph.D.

Zdenka Zakova – webmaster