

Preface

The 22nd International Conference on Rehabilitation and Reconstruction of Buildings (CRRB 2020) was held online in Brno, Czech Republic on November 19, 2020. The conference was organized by Scientific Society for the Restoration of Buildings and Care of Monuments WTA CZ together with Faculty of Civil Engineering of the Brno University of Technology. Almost thirty participants took part on the 22nd CRRB conference. They were mainly from the Czech Republic, Germany, Poland and Italy. It is positive that there is straight continuity on the previous 21th International Conference on Rehabilitation and Reconstruction of Buildings – CRRB 2019, which was held in Prague, respectively. The objective of the conference was to discuss current results of research and practical developments in fire protection, surface technology, in restoration of stone, masonry, concrete structures, timber protection. The attention was focused on surface treatment, physical-chemical properties and static and dynamics of structures as well. The organizing committee of the 22nd International Conference on Rehabilitation and Reconstruction of Building would like to thank all the speakers, session chairs and all participants because they made the conference fruitful and successful.

Editor

Lenka Mészárosová

Committees

Organized by:



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

together with



Faculty of Civil Engineering,
Brno University of Technology

Chair of the Conference

prof. Ing. Rostislav Drochytka, CSc., MBA, dr. h. c.

Scientific Committee

prof. Ing. Miroslav Bajer, CSc. (Czech Republic)
David Biggs, P.E., S.E., Dist.M.ASCE, HTMS (USA)
assoc. prof. Ing. Eva Burgetová, CSc. (Czech Republic)
assoc. prof. Ing. Jiří Bydžovský, CSc. (Czech Republic)
prof. Renato Pinto da Cunha, M.Sc., Ph.D. (Brazil)
asst. prof. Ing. Vít Černý, Ph.D. (Czech Republic)
prof. Dr.-Ing. Ulrich Diederichs (Germany)
prof. Ing. Rostislav Drochytka, CSc., MBA, dr. h. c. (Czech Republic)
prof. Dr.-Ing. Harald Garrecht (Germany)
prof. Dr.-Ing. Rolf P. Gieler (Germany)
DI Dr. techn. Clemens Hecht (Austria)
prof. Ing. Pavlo Kryvenko, DSc. (Russia)
assoc. prof. Ing. Tomáš Klečka, CSc. (Czech Republic)
assoc. prof. Ing. Jiří Kolísko, Ph.D. (Czech Republic)
prof. Ing. Pavel Kuklík, CSc. (Czech Republic)
Dr. Johannes Maier (Switzerland)
prof. Ing. Miloslav Novotný, CSc. (Czech Republic)
prof. RNDr. Pavla Rovnaníková, CSc. (Czech Republic)
assoc. prof. Ing. Karel Šuhajda, Ph.D. (Czech Republic)
assoc. prof. Ing. Jan Vaněrek, Ph.D. (Czech Republic)
prof. Dr.-Ing. Heinrich Wigger (Germany)

Organizing Committee

Ing. Lenka Mészárosová, Ph.D. – secretary for CRRB
Ing. Jindřich Melichar, Ph.D.
Ing. Magdaléna Michalcíková, Ph.D.
Ing. Eva Šuhajdová
Zdeňka Žáková - webmaster