

## Preface

We are pleased to welcome you to the conference proceedings of the 10th Anniversary International Scientific Conference on Building Defects (Building Defects 2018) held on 29<sup>th</sup> – 30<sup>th</sup> November 2018 at the Institute of Technology and Business (ITB) in České Budějovice, Czech Republic. Conference is organized on behalf of His Magnificence prof. Marek Vochozka, MSc., MBA., Ph.D., rector of the Institute of Technology and Business in České Budějovice and under the honorary patronage of the Czech Chamber of Certified Engineers and Technicians (CKAIT).

The current conference is the tenth continuous of Building Defects conferences, which solves especially the causes of defects during the building processes and afterwards defects of the building themselves as well as the defect of building structures. The conference is the premiere chance for the presentation of new advances and research results in the fields of the civil engineering. The special section of the 10<sup>th</sup> Anniversary International Scientific Conference Building Defects is focused on Building Information Modeling (BIM) in design, construction and operations of buildings. The main aim of the conference is to present the scientific research results and its practical solutions in the field of civil engineering, taking into account the principles of sustainable development as well as to present contemporary civil engineering issues and its future development. The progressive technologies and built environment disciplines are presented through the development of new and innovative BIM tools and techniques. It is our pleasure to announce the participation of expert speakers from various universities and research institutes in this two-day event.

A lot of thanks are given to all authors of submitted papers for their participation. They contributed a great deal of effort and creativity to produce this work. We are happy they choose the 10<sup>th</sup> Anniversary International Scientific Conference on Building Defects to present to their excellent work. Thanks also to all editors and reviewers, who donated substantial time from their busy schedules to carefully read and evaluate the submitted scientific papers.

The conference proceedings contain 51 papers, which are divided into 3 sections: Building Information Modeling (BIM), Mechanical & Materials Engineering and Building Design & Technology. Each contributed paper was rigorously reviewed by two anonymous reviewers who were drawn mainly from the International Scientific Committee.

At last but not at least, we would like to appreciate to all supporting organizations for their support and encouragement and got making the event a success. In addition, I would like to thank also to Organizing Committee for their great preparing work.

We are looking forward to the next 11<sup>th</sup> International Conference Building Defects 2019 that will be held next year on November at the same location. We hope that it will be interesting and enjoying at least as all of its tenth predecessors.

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Conference Guarantee  
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