



SEMINAR
Institute of Theoretical and Applied Mechanics
of the Czech Academy of Sciences
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Czech Society for Mechanics
and Institute of Theoretical and Applied Mechanics, CAS

invite you to a workshop within the lecture series **ITAM Seminar**

The workshop on tools for modelling and evaluation of historical building structures

to be held on Thursday, January 9, 2020, at 9:30AM in the building
of the Institute of Theoretical and Applied Mechanics, Prosecká 76, 190 00, Prague 9

Programme:

9:30 Ing. Jiří Bláha, Ph.D.: *The map of historical timber roofs of the Czech Republic, its creation and filling, data collection and application*

Methodological questions of the collection of the data on the development of timber roofs and their chronotypological classification. A new tool for data collection, their comparison and evaluation in the form of web application „Map of historical timber roofs of the Czech Republic“. Traditional and modern methods of field documentation and use of their outputs for various purposes.

Break

11:00 Ing. Hana Hasníková, Ph.D.: *Documentation of monuments with the help of BIM on examples of modern architecture*

The contribution describes modern methods of data collection and creation of digital project documentation on selected objects of modern architecture (e.g. OD Kotva), resulting in a dynamic 3D model of the building. Photogrammetry and BIM modelling technology are also used, which allows to store an extensive database of information and not just a building geometry.

Break

Discussion

About 12:30 end of the workshop

Lecture 2020/01

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