

I. IDENTIFICATION DATA

Thesis name:	The analysis of the timber roofs of the Loreta in Prague
Author's name:	Bledian Nela
Type of thesis :	Master's thesis
Faculty/Institute:	Faculty of Civil Engineering
Department:	Department of Mechanics
Thesis reviewer:	Ing. arch. Peter Krušínský, PhD.
Reviewer's department:	Department of Building Engineering and Urban Planning, Faculty of Civil Engineering, University of Zilina,

II. EVALUATION OF INDIVIDUAL CRITERIA

Assignment	B (velmi dobre).
<i>Evaluation of thesis difficulty of assignment.</i>	
The work was difficult as can be seen in the depth of the processing of some chapters, but well done.	

Satisfaction of assignment	B (velmi dobre)
<i>Assess that handed thesis meets assignment. Present points of assignment that fell short or were extended. Try to assess importance, impact or cause of each shortcoming.</i>	
The semi-destructive testing methods were used. To assess the examined wooden elements, it would be useful to carry out also measurements using the Microsecond Timer or 3D Sonic Tomograph etc. It would also be good to list the devices used for measurements and specify their basic parameters. Other parts of the work are adequately processed. There is no explanation of the choice of remediation methods in relation to other remediation methods in the work.	

Method of conception	B (velmi dobre).
<i>Assess that student has chosen correct approach or solution methods.</i>	
The student has chosen the right approach and sequence, the only objection is that other diagnostic methods to determine the extent of structural damage (semi-destructive and non-destructive) have not been used or mentioned. The methods used, apart from the moisture measurements, are considered semi-destructive - destructive.	

Technical level	A (výborne).
<i>Assess level of thesis specialty, use of knowledge gained by study and by expert literature, use of sources and data gained by experience.</i>	
The technical level is appropriate to the Master's thesis.	

Formal and language level, scope of thesis	C (dobre).
<i>Assess correctness of usage of formal notation. Assess typographical and language arrangement of thesis.</i>	
The work has several formal flaws. In particular, there is no list of quantities, and devices used, as well as no device parameter and the basic principle of measurements mentioned.	

Selection of sources, citation correctness	A (výborne).
<i>Present your opinion to student's activity when obtaining and using study materials for thesis creation. Characterize selection of sources. Assess that student used all relevant sources. Verify that all used elements are correctly distinguished from own results and thoughts. Assess that citation ethics has not been breached and that all bibliographic citations are complete and in accordance with citation convention and standards.</i>	
The references correspond with the topic, but there is no foreign literature that is available in scientific databases.	

Additional commentary and evaluation
<i>Present your opinion to achieved primary goals of thesis, e.g. level of theoretical results, level and functionality of technical or software conception, publication performance, experimental dexterity etc.</i>

I consider the work very good in relation to the chosen topic that is not very common.

III. OVERALL EVALUATION, QUESTIONS FOR DEFENSE, CLASSIFICATION SUGGESTION

Summarize thesis aspects that swayed your final evaluation. Please present apt questions which student should answer during defense.

You could more specify the devices you have used, their technical parameters, and also other ways of measuring the quantities.

I evaluate handed thesis with classification grade **B (velmi dobre)**

Date: **15.7.2018** Žilina.

Signature: