



Přírodovědecká
fakulta
Faculty
of Science

Jihočeská univerzita
v Českých Budějovicích
University of South Bohemia
in České Budějovice

STATEMENT OF THE BACHELOR/DIPLOMA* THESIS REVIEWER

Name of the student: **Dominik Baumann**

Thesis title: **Specimen preparation for Serial-Block Face Scanning Electron
Microscopy and Contrast Evaluation by Transmission Electron Microscopy**

Supervisor: **RNDr. Marie Vancová, Ph.D.**

Reviewer: **Ing. Mgr. Radim Skoupý**

Reviewer`s affiliation: **Institute of Scientific Instruments of the CAS**

	Point scale ¹	Points
(1) FORMAL REQUIREMENTS		
Extent of the thesis (for bachelor theses min. 18 pages, for masters theses min. 25 pages), balanced length of the thesis parts (recommended length of the theoretical part is max. 1/3 of the total length), logical structure of the thesis	0-3	3
Quality of the theoretical part (review) (number and relevancy of the references, recency of the references)	0-3	2
Accuracy in citing of the references (presence of uncited sources, uniform style of the references, use of correct journal titles and abbreviations)	0-3	3
Graphic layout of the text and of the figures/tables	0-3	2
Quality of the annotation	0-3	2
Language and stylistics, complying with the valid terminology	0-3	3
Accuracy and completeness of figures/tables legends (clarity without reading the rest of the text, explanation of the symbols and labeling, indication of the units)	0-3	3
Formal requirements – points in total		

* Choose one

¹ Mark as: 0-unsatisfactory, 1-satisfactory, 2-average, 3-excellent.

(2) PRACTICAL REQUIREMENTS

Clarity and fulfillment of the aims	0-3	3
Ability to understand the results, their interpretation, and clarity of the results, discussion, and conclusions	0-3	3
Discussion quality – interpretation of the results and their discussion with the literature (absence of discussion with the literature is not acceptable)	0-3	2
Logic in the course of the experimental work	0-3	3
Completeness of the description of the used techniques	0-3	3
Experimental difficulty of the thesis, independence in experimental work	0-3	3
Quality of experimental data presentation	0-3	3
The use of up-to-date techniques	0-3	3
Contribution of the thesis to the knowledge in the field and possibility to publish the results (after eventual supplementary experiments)	0-3	3
Practical requirements – points in total		44

POINTS IN TOTAL (MAX/AWARDED)	48	(0-48) ²
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Comments of the reviewer on the student and the thesis:

The thesis is well structured, very interesting and with excellent experimental section. Theoretical part of the thesis should be processed more precisely. There are small mistakes or incomplete information.

Suggestions and questions, to which the student has to answer during the defense. Mistakes, which the students should avoid in the future:

- 1) Explain chromatic aberration of magnetic lens. The figure 2 in the thesis is wrong.

² Enter the number of points awarded.

2) You should use figures with higher image quality (in case of images taken from external sources).

Conclusion:

In conclusion, I

r e c o m m e n d / ~~do not recommend~~*

the thesis for the defense and I suggest the grade excellent .³

In Brno date 2018/6/6

A handwritten signature in black ink, appearing to read 'Skovný', is written over a horizontal dotted line.

signature

³ You can suggest a grade, which can be modified during the defense based on the presentation. However, if the reviewer is not present at the defense, the grade will not be counted. Grades: excellent (1). Very good (2), Good (3), Unsatisfactory/failed (4).