

RECORD

of the session of the Board for Doctoral Thesis Defence

at the Faculty of Mechanical Engineering

Student's name and surname: **Ying LI**

Date of defence : **24th May 2024**

Title of the dissertation: **High temperature mechanical behavior of functionally graded material SS316L/IN718 fabricated by directed energy deposition**

Doctoral study programme: **Manufacturing and Materials P0715D270027**

Public part:

- Presentation of the Board members was followed by a brief introduction of the Ph.D. student, in which his CV was read out.
- The presentation by student **20 MINUTES** on the content of his doctoral thesis
- Reviewers *doc. Ing. Jiří Kubásek, Ph.D., prof. Ing. Ludmila Kučerová, Ph.* read out their reports of the Ph.D. student's thesis and asked him questions.
- The supervisor *prof. Ing. Ján Džugan, Ph.D.* presented to the Board their assessment of the Ph.D. student.

Notes

VERY FRUITFULL PUBLIC DISCUSSION, WELL ANSWERED QUESTIONS.

The answers to the questions were graded *)

excellent

very good

good

unsatisfactory

The following questioners asked questions in the public discussion

The questions are a separate annex to the Record

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excellent

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Brief assessment of the dissertation defence

- The public part of the dissertation defence was opened and the meeting was further chaired by the chair of the committee prof. Dr. Ing. Libor Beneš, IWE. In the presence of all other members of the committee. He introduced student Ying Li. and he presented her professional CV. This was followed by the presentation of a dissertation entitled: **High temperature mechanical behavior of functionally graded material SS316L/IN718 fabricated by directed energy deposition** After the end of the presentation, the opposing opinions and statements of the supervisor were read. All assessments were positive and were supplemented with questions, which the student answered in turn. The chairman of the committee then opened the public debate. Questions were contributed by members of the committee. The text of the questions is included in the minutes of the dissertation defence.
- In the non-public part, an anonymous vote took place based on the overall evaluation of the defence, the student's own performance and, last but not least, the level of the dissertation itself.
- Notes of the Chairman of the Commission Mr. Prof. Dr. Ing. Libor Beneš, IWE

EXCELLENT PUBLICATION ACTIVITY OF THE CANDIDATE (8xQ1).

Ph.d. thesis level *)

excellent

very good

good

unsatisfactory

Closed part:

- In the closed part, the Board members assessed the Ph.D. student's thesis and defence

| Position of the Board on the award of the academic degree „doktor“ | | Number of votes cast | | |
|--|--|----------------------|----------|---------|
| Total number of Board members with the right to vote | Number of present members with the right to vote | Positive | Negative | Invalid |
| 9 | 8 | 8 | 0 | 0 |

Volting results

The Commission decided by secret ballot:

Ying Li had successfully defended - ~~had failed to defended*~~ at the dissertation defence and recommended - ~~not recommended*~~ *) the chosen assessment scratch off

award the student the academic degree of "Doctor" (Ph.D.) in a Doctoral study programme Manufacturing and Materials

Západočeská univerzita v Plzni

Fakulta strojní
studijní oddělení

②