

PUBLIC LECTURE EVALUATION

Masaryk University

Faculty

Procedure field

Applicant

Lecture date

Lecture topic

Persons present (number)

Designated evaluators (board members)

Faculty of Informatics

Informatics

RNDr. Vojtěch Řehák, Ph.D.

23. 4. 2019

What is the best timeout?

40 (see attached list of attendees)

prof. RNDr. Petr Hliněný, Ph.D.

Prof. Krishnendu Chatterjee

doc. RNDr. Pavel Matula, Ph.D.

doc. Mgr. Adam Rogalewicz, Ph.D.

The applicant introduced the research topic of choosing best timeouts in formal models which have to deal with probabilistic and time behavior (e.g., communication protocols). He introduced in easily accessible ways these very intricate formal models such as generalized semi-Markov processes (GSMP). He explained fundamental flaws in algorithms for analysis of GSMP in the literature and solutions to the flaws supported by his results. The talk clearly demonstrated applicant's technical and presentation skills, and his very deep understanding of the presented area. The applicant precisely answered all the questions.

Conclusion

The lecture delivered by Vojtěch Řehák, entitled "What is the best timeout?" and delivered as part of the habilitation procedure, **demonstrated** sufficient scholarly qualifications and pedagogical capabilities expected of applicants participating in a habilitation procedure in the field of Informatics.

Date: 23 April 2019

Petr Hliněný

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Krishnendu Chatterjee

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Pavel Matula

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Adam Rogalewicz

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