

Application for the State Doctoral Exam^{*a}

Name and surname: Učo:

Supervisor: Study year:

Date of SDE: Study programme: D INF – DIIA / DIFI
(the specific week according to the academic year)

Thesis proposal topic:

Areas of the State Doctoral Exam:

Choose two subareas from the following areas according to a proposal of your supervisor and with regard to your field of study.

- **Computer Graphic and Image Processing**
guarantor: doc. RNDr. Petr Matula, Ph.D.
- **Data Processing and Machine Learning**
guarantor: prof. Ing. Pavel Zezula, CSc.
- **Security of Computer and Communication Systems**
guarantor: prof. RNDr. Václav Matyáš, M.Sc., Ph.D.
- **Computer Processing of Natural Language**
guarantor: doc. RNDr. Aleš Horák, Ph.D.
- **Computer Systems and Networks**
guarantor: prof. RNDr. Luděk Matyska, CSc.
- **Quantum Information Processing**
guarantors: doc. RNDr. Jan Bouda, Ph.D., prof. RNDr. Jozef Gruska, DrSc.
- **Informatics in Life Sciences**
guarantor: doc. RNDr. David Šafránek, Ph.D.
- **Formal Methods for Analysis and Verification**
guarantor: prof. RNDr. Jiří Barnat, Ph.D.
- **Theoretical Foundations of Computer Science**
guarantor: prof. RNDr. Petr Hliněný, Ph.D.
- **Social Aspects of Computer Science**
guarantor: prof. RNDr. Jiří Zlatuška, CSc.
- **Design in Embedded Systems**
guarantor: prof. Ing. Václav Přenosil, CSc.

Supervisor's signature:

Date

Student's signature:

Areas of the State Doctoral Exam^{*b}

Student's name and surname:

Chosen subareas should be thematically different.
Guarantor can determine new subareas according to students' needs.
If the guarantor is a student's supervisor, or won't be able to examine, he suggests another examiner.
This selection is approved by the Doctoral Board.

Area:

1. Subarea:

Study materials:
.....
.....
.....

Proposed examiner and signature:

Guarantor's signature:

Area:

2. Subarea:

Study materials:
.....
.....
.....

Proposed examiner and signature:

Guarantor's signature:

*a – to be filled by student, *b – to be filled by supervisor and guarantor