

**FS**UNIVERZA V LJUBLJANI
Fakulteta za strojništvo**FS**UNIVERSITY OF LJUBLJANA
Faculty of Mechanical Engineering

Datum / Date: _____

Predlog registracije okvirne teme, mentorja, somentorja, izpitov in komisije za zagovor seminarja za Doktorski študij III. stopnje Strojništvo**Proposal for the registration of a framework topic, a mentor, a co-mentor, examinations and the Committee for the Defence of the Seminar of Doctoral Study of level III of Mechanical Engineering**

Študent Student	Bakhtawar Bibi
Naslov okvirne teme Title of the framework topic	
Mentor / somentor Mentor / co-mentor	Katarina Mramor
Vrsta izvajanja Type of implementation	PROJEKTNO PROJECT KLASIČNO CLASSIC (more on page 5 or 6)
1. izbirni predmet <i>(ime predmeta, ime nosilca/izvajalca, v primeru zunanjega predmeta še število KT)</i> 1. Elective subject <i>(Title of the subject, name of the convener/coordinator, in the case of an external subject also the number of ECTS)</i>	NUMERICAL MODELLING OF COUPLED SYSTEMS (prof. Šarler and Prof. Mole)
2. izbirni predmet <i>(ime predmeta, ime nosilca/izvajalca, v primeru zunanjega predmeta še število KT)</i> 2. Elective subject <i>(Title of the subject, name of the convener/coordinator, in the case of an external subject also the number of ECTS)</i>	COMPUTATIONAL METHODS FOR FLUID DYNAMICS (prof. Šarler)

3. izbirni predmet <i>(ime predmeta, ime nosilca/izvajalca, v primeru zunanjega predmeta še število KT)</i> 3. Elective subject <i>(Title of the subject, name of the convener/coordinator, in the case of an external subject also the number of ECTS)</i>	HEAT AND MASS TRANSFER (prof. Kitanovski, Prof. Globič, prof. Zupančič)
4. izbirni predmet <i>(ime predmeta, ime nosilca/izvajalca, v primeru zunanjega predmeta še število KT)</i> 4. Elective subject <i>(Title of the subject, name of the convener/coordinator, in the case of an external subject also the number of ECTS)</i>	MULTIPHASE FLOW (prof. Šarler)
Komisija za zagovor seminarja Komisija za zagovor seminarja je praviloma sestavljena iz istih članov kot bodoča Komisija za spremljanje doktorskega študenta (KSDŠ) (več na strani 5) Seminar Defence Committee The Seminar Defence Committee is usually composed of the same members as the future Doctoral Student Supervisory Committee (DSSC). (more on page 6)	
Obrazložitev teme: (ocena obstoječega stanja, področje dela, identifikacija problema, metode dela, na splošno označeni cilji, približno pričakovani rezultati) Explanation of the topic: (assessment of the existing situation, field of work, identification of the problem, methods of work, generally indicated objectives, approximate expected results) Utemeljitev somentorja (če je imenovan): Justification of the co-mentor (if appointed):	

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Faculty of Mechanical Engineering

Podpis mentorja:

Mentor's signature:

Podpis vodje laboratorija:

Signature of the Head of Laboratory:

Reference tujega člana

(v primeru, če ni podpisane pogodbe za pridobitev dvojnega doktorata) Za

tuje člane, je treba pripraviti reference v skladu s Pravili o doktorskem študiju na FS:

Izsek iz pravil:

5. člen

Nosilci in izvajalci učnih predmetov na doktorskem študiju so na FS zaposleni visokošolski učitelji. S področja učnega predmeta morajo imeti vsaj štiri članke s faktorjem vpliva SCI v prvi četrtini Q1

Učni predmet ima lahko poleg nosilca/ev tudi enega ali več izvajalcev, ki so med seboj enakovredni.

12. člen

Komisijo za spremljanje doktorskega študenta (v nadaljevanju: KSDŠ) sestavljajo 3 člani. Najmanj dva člana morata biti izven FS, eden od teh je lahko z druge članice UL. Člani komisij iz FS in zunanji člani, ki bodo spremljali in ocenjevali usposabljanje kandidata na doktorskem študijskem programu, morajo izpolnjevati enake pogoje kot nosilec oz. izvajalec učnega predmeta na doktorskem študijskem programu FS, razen v primeru dvojnih doktoratov, ko kriterije za sodelujoče postavlja s pogodbo priznana tuja partnerska organizacija.

Zunanji član komisije je član, ki ni zaposlen na FS in niti ni izvoljen v znanstveni ali pedagoški naziv na FS. Komisija za zagovor seminarja (v nadaljevanju: KZS) je praviloma sestavljena iz istih članov kot bodoča Komisija za spremljanje doktorskega študenta (KSDŠ).

	Reference za celotno obdobje <i>Objava vsaj osem prispevkov s področja učnega predmeta v revijah s faktorjem vpliva SCI, od tega dva v zgornji četrtini področja - velja za celotno obdobje:</i> (z vsemi podatki: avtorji, naslov članka, naslov revije, volume, leto objave, doi)	SCI Da / Ne	Četrtna kamor se uvršča revija po JCR (obvezno)
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	Reference v zadnjih pet let <i>V kolikor gornji pogoj ni izpolnjen, zadostuje pogoj objave štirih prispevkov s področja predmeta v revijah s faktorjem vpliva SCI v obdobju zadnjih pet let</i> (z vsemi podatki: avtorji, naslov članka, naslov revije, volume, leto objave, doi)	SCI Da / Ne	Četrtna kamor se uvršča revija po JCR (obvezno)
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Foreign member references

(in case there is no signed contract for obtaining a double doctorate)

For foreign members, references must be prepared in accordance with the Rules of Doctoral Studies at FME:

Excerpt from the Rules:

Article 5

Convenors and providers of doctoral programmes are FME staff members. They must have at least four papers with an SCI impact factor published in the first quarter of Q1 in their subject area.

A subject may have one or more providers who are equivalent to each other, in addition to the lecturer(s).

Article 12

The doctoral student's supervisory Committee shall consist of three (3) members. At least two members must be from outside the FME, one of whom may be from another UL member. The members of the FME committees and the external members who supervise and evaluate the candidate's training under the doctoral programme must meet the same requirements as the convenor or the provider of the subject under the FME doctoral programme, except in the case of double doctorates, where the criteria for participants are set by a contractually recognised foreign partner organisation. An external member of a Committee is a member who is not an employee of the FME and who has not been elected to an academic or teaching title at the FME. The Seminar Defence Committee (hereinafter: SDC) is usually composed of the same members as the future Doctoral Student Supervisory Committee (hereinafter: DSSC).

	References for the entire period <i>In the subject area, they must have at least eight papers in journals with an impact factor SCI, two of which are in the top quarter of the subject area - - valid for the entire period:</i> (with all data: authors, title of paper, title of journal, volume, year of publication, doi).	SCI Yes/No	A quarter in which the journal ranks according to JCR (mandatory)
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OR

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Fakulteta za strojništvo**FS**UNIVERSITY OF LJUBLJANA
Faculty of Mechanical Engineering

	References in the <i>last five years</i> <i>If the above condition is not met, it is sufficient that they have published four papers in the subject area in journals with an impact factor SCI in the <i>last five years</i></i> (with all data: authors, title of paper, title of journal, volume, year of publication, doi).	SCI Yes/No	A quarter in which the journal ranks according to JCR (mandatory)
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Projektno izvajanje doktorskega študija (17. člen iz Pravil o doktorskem študiju UL, FS)

Doktorand lahko v prvem semestru doktorskega študija v ŠR odda prošnjo za opravljanje obveznosti višjega letnika. Doktorand, ki mu je prošnja odobrena, mora v 1. letniku absolvirati znanja z izbranih predmetnih področij, izdelati seminar in dispozicijo doktorske disertacije. Predstavitev seminarja in dispozicije doktorske disertacije je predvidoma v šestem do dvanajstem mesecu študija. V postopku doktorand v ŠR odda vlogo za *Prijavo dispozicije doktorske disertacije na Fakulteti za strojništvo Univerze v Ljubljani za Doktorski študijski program III. stopnje Strojništvo*, mentor pa *Predlog Komisije za spremljanje doktorskega študenta*. KDS določi člane KSDŠ, ki jih potrdi Senat FS. **Mentor z nosilci predmetov, člani KZS in člani KSDŠ uskladi termin za predstavitev seminarja in dispozicije doktorske disertacije.** Obvestilo o predstavitvi teme doktorske disertacije in zagovoru seminarja, mentor pošlje vsaj 8 dni pred rokom v ŠR. Javni zagovor poteka v dveh delih: v prvem delu doktorand javno predstavi seminar pred člani KZS in nosilci predmetov. V drugem delu doktorand pred člani KSDŠ javno predstavi dispozicijo doktorske disertacije. Po zaključku doktorand odgovori na odprta vprašanja iz seminarja, dispozicije in predmetnih vsebin vezanih na doktorsko disertacijo. Opravljene izpite in seminar potrdijo nosilci predmetov in KZS tako, da izpolnijo prijavnico za Seminar 1 in vpišejo ocene predmetov v VIS. Uspešni zagovor dispozicije doktorske disertacije KSDŠ potrdi z *Zapisnikom o predstavitvi dispozicije doktorske disertacije na Doktorskem študijskem programu III. stopnje Strojništvo* in o predstavljeni dispoziciji doktorske disertacije napiše tudi *Oceno dispozicije doktorske disertacije*.

Opomba: vsi obrazci, ki jih morata predložiti kandidat ali mentor so objavljeni na spletni strani FS:

<https://www.fs.uni-lj.si/studij/studiraj-na-fs/studentski-referat/navodila-in-obrazci/postopki-in-obrazci/>

Člani komisij na doktorskem študiju

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Komisija za zagovor seminarja (v nadaljevanju: KZS) je praviloma sestavljena iz istih članov kot bodoča Komisija za spremljanje doktorskega študenta (KSDŠ)

Več v Pravilih o doktorskem študiju UL, FS (veljavna od 1.10.2022) objavljena na spletni strani FS: <https://www.fs.uni-lj.si/studij/studiraj-na-fs/studentski-referat/pravilniki-in-ceniki/pravilniki-3-stopnje/> RULES ON DOCTORAL STUDIES AT UL FME
Project implementation of doctoral studies

Article 17

During the first semester of doctoral studies, a doctoral student may apply to SAO to fulfil the requirements of the higher year. In the first year, the doctoral student whose application is approved must complete knowledge in the chosen subject areas, a seminar, and a dissertation outline. The presentation of the seminar and the dissertation is scheduled for the sixth to twelfth month of the programme. In the process, the doctoral candidate submits an *Application of the Disposition of the Doctoral Dissertation at the Faculty of Mechanical Engineering of the University of Ljubljana for the Doctoral Programme of Level III in Mechanical Engineering* (Appendix 4), and the mentor submits a *Proposal from the Doctoral Student Supervisory Committee* (Appendix 5). The DSC determines members of the DSSC, who are approved by the FME Senate. The mentor coordinates a date for the presentation of the seminar and the draft of the dissertation with convenors, members of DSC and members of DSSC. The mentor sends the notification of the presentation of the dissertation topic and the defence of the seminar to SAO at least 8 days before the deadline. The public defence consists of two parts: In the first part, the doctoral candidate presents his seminar publicly to the members of SDC and convenors. In the second part, the doctoral candidate presents his dissertation publicly before the members of the DSSC. After completion, the doctoral candidate answers open questions from the seminar, disposition, and the subject content of the dissertation. Convenors and SDC confirm the passing of the examinations and the seminar by completing the registration form for Seminar 1 and entering the course grades in the VIS. The successful defence of the doctoral dissertation disposition is confirmed by the DSSC by means of the *Minutes of the presentation of the dissertation layout at the Doctoral Programme of Level III in Mechanical Engineering* (Appendix 6) and the *Doctoral Dissertation Disposition Assessment* (Appendix 7) is also written on the presented doctoral dissertation disposition.

(Note: all forms for doctoral studies published on the FS website: https://www.fs.uni-lj.si/en/study/3rdcycle-doctoral-study-programme/doctoral-programme-in-mechanical-engineering/programinformation/#tab_9_2

Members of doctoral study committees

Article 12

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(more: https://www.fs.uni-lj.si/en/study/3rd-cycle-doctoral-study-programme/doctoral-programme-in-mechanical-engineering/program-information/#tab_11_2)