

Opis raziskovalnega dela (Research work description)

1. Članica UL (UL member):

Fakulteta za matematiko in fiziko

2. Ime, priimek in elektronski naslov mentorja/ice (Mentor's name, surname and email):

Maruša Bradač, marusa.bradac@fmf.uni-lj.si

3. Raziskovalno področje (Research field):

1.02.03 Astronomija / Astronomy

4. Opis raziskovalnega dela (Research work description):

Vključuje morebitne dodatne pogoje, ki jih mora izpolnjevati kandidat/ka za mladega raziskovalca/ko, ki niso navedeni v razpisu za mlade raziskovalce (It includes any additional conditions that the candidate for a young researcher must meet, which are not listed in the call to tender for young researchers.).

Slov.: Kandidat-ka bo gradil-a na močnem sodelovanju raziskovalne skupine pri opazovanjih z vesoljskim teleskopom James Webb Space Telescope (JWST). Uporabil-a bo globoka opazovanja največjega vzorca najmočnejših kozmičnih teleskopov z JWST. Kandidat-ka bo vključen-a v znanstveni primer za preučevanje obdobja reionizacije kot član programa CANUCS (CANadian NIRISS Unbiased Cluster Survey) z zajamčenimi opazovanji (GTO) s kamero Near-Infrared Imager and Slitless Spectrograph (NIRISS).

V postopku izbire kandidatov bo zahtevan magisterij iz fizike/astronomije z magistrsko nalogo iz področja astronomije s predmeti, povezanimi z astronomijo. Poleg tega so izkušnje pri obdelovanju slikovnih in spektroskopskih podatkov zaželeni v postopku izbire kandidatov. Potrebne so dobre veščine programiranja python.

Eng.:

The candidate shall build on a strong involvement of the research group in observations of the James Webb Space Telescope (JWST). He/she will use deep observations of the largest sample of the most powerful cosmic telescopes with JWST. The candidate will be involved in the science case to study the epoch of reionization as a member of the Near-Infrared Imager and Slitless Spectrograph (NIRISS) Guaranteed Time Observations (GTO) program CANUCS (CANadian NIRISS Unbiased Cluster Survey).

Research results shall be published in top scientific journals. A masters in physics/astronomy with masters thesis in the area of astronomy and astronomy-related courses will be required in the candidate selection process. Furthermore, experience in reducing imaging and spectroscopic data is considered a plus in the candidate selection process. Python programming skills are required.

5. Priloge, ki jih kandidat priloži k prijavi (Documents that the candidate submits with the application):

☒ **diplomska listina/potrdilo o zaključku študijskega programa** (diploma certificate for study programme, with which the candidate has enrolled/ will enroll in a doctoral degree programme)

☒ **priloga k diplomi/ potrdilo o opravljenih obveznostih** (official transcript of all the grades for study programme, with which the candidate has enrolled/will enroll in a doctoral degree programme)

☒ **potrdilo o do sedaj opravljenih obveznostih z ocenami študijskega programa, s katerim se bo kandidat prijavil na študij** (*official transcript of all the grades the candidate has received so far for the study programme, with which the candidate will enroll to a doctoral degree programme*)

☐ **nagrade** (*awards (e.g. Prešeren Prize of the University of Ljubljana, Prešeren Prize of a University of Ljubljana member and/or another equivalent award)*)

☒ **bibliografija** (*bibliography*)

☒ **življenjepis** (*CV*)

☒ **motivacijsko pismo** (*motivation letter – up to one page*)

☒ **opis dosedanjega sodelovanja pri raziskovalnem delu v motivacijskem pismu** (*description of the candidate's research work – included in the motivational letter*)

☐ **osnutek idejne zasnove raziskovalnega dela** (*preliminary research proposal*)

☐ **priporočilno pismo** (*letter of recommendation*)

☐ **druge priloge** (*other attachments*)

Opis raziskovalnega dela (Research work description)

1. Članica UL (UL member):

Fakulteta za matematiko in fiziko (FMF)

2. Ime, priimek in elektronski naslov mentorja/ice (Mentor's name, surname and email):

Irena DREVENŠEK OLENIK, irena.drevensek@fmf.uni-lj.si

3. Raziskovalno področje (Research field):

Fizika

4. Opis raziskovalnega dela (Research work description):

Vključuje morebitne dodatne pogoje, ki jih mora izpolnjevati kandidat/ka za mladega raziskovalca/ko, ki niso navedeni v razpisu za mlade raziskovalce (It includes any additional conditions that the candidate for a young researcher must meet, which are not listed in the call to tender for young researchers.).

Slov.: Raziskovalno delo bo osredotočen na feroelektrične nematske tekoče kristalne faze in druge nedavno odkrite polarne tekoče kristalne faze v neplanarnih konfiguracijah, ki do sedaj še niso bile raziskane. Poudarek bo predvsem na raziskavah tovrstnih materialov v obliki sferičnih "lupin", kjer naj bi odsotnost robov in ukrivljenost mejnih ploskev tako na zunanji kot na notranji strani medija vodili do povsem novih lastnosti in pojavov. Zaželeno je, da ima kandidat/ka izkušnje z optičnimi eksperimentalnimi metodami primernimi za raziskovanje tekoče kristalnih materialov.

Eng.: The research work will be focused on ferroelectric nematic liquid crystalline phase and other recently discovered polar liquid crystalline phases in nonplanar configurations that were so far not yet explored. In particular, the form of spherical "shells", where the absence of edges and the interface curvature on the outside and inside of the medium is expected to lead to entirely new properties and phenomena, will be investigated. It is desirable that the candidate has experience with optical experimental methods suitable for researching liquid crystal materials.

5. Priloge, ki jih kandidat priloži k prijavi (Documents that the candidate submits with the application):

- ☐ **diplomska listina/potrdilo o zaključku študijskega programa** (diploma certificate for study programme, with which the candidate has enrolled/ will enroll in a doctoral degree programme)
- ☐ **priloga k diplomii/ potrdilo o opravljenih obveznostih** (official transcript of all the grades for study programme, with which the candidate has enrolled/will enroll in a doctoral degree programme)
- ☐ **bibliografija** (bibliography)
- ☐ **življenjepis** (CV)
- ☐ **opis dosedanjega sodelovanja pri raziskovalnem delu** (description of the candidate's research work)

Opis raziskovalnega dela (Research work description)

1. Članica UL (UL member):

Fakulteta za matematiko in fiziko

2. Ime, priimek in elektronski naslov mentorja/ice (Mentor's name, surname and email):

Jan Grošelj, jan.groselj@fmf.uni-lj.si

3. Raziskovalno področje (Research field):

Numerična analiza

4. Opis raziskovalnega dela (Research work description):

Vključuje morebitne dodatne pogoje, ki jih mora izpolnjevati kandidat/ka za mladega raziskovalca/ko, ki niso navedeni v razpisu za mlade raziskovalce (It includes any additional conditions that the candidate for a young researcher must meet, which are not listed in the call to tender for young researchers.).

Slov.: Raziskovalno delo bo osredotočeno na študij numeričnih metod, povezanih s konstrukcijo, analizo in uporabo odsekoma polinomskih funkcij na področju računalniško podprtega geometrijskega oblikovanja, aproksimacije podatkov in reševanja parcialnih diferencialnih enačb. Natančna vsebina doktorskega dela bo dogovorjena z izbranim kandidatom. Kandidat mora izpolnjevati pogoje za izvolitev v naziv asistenta na Oddelku za matematiko Fakultete za matematiko in fiziko. Od kandidata se pričakuje interes do reševanja matematičnih problemov in željo po pridobivanju novih znanj. Naloga mladega raziskovalca bo razvoj numeričnih metod, ki imajo podlago v teoriji Bernstein-Bézierjevih reprezentacij in B-zlepkov, zato je zaželeno solidno poznavanje tega področja.

Eng.: The research work will be focused on the study of numerical methods related to the construction, analysis and application of piecewise polynomial functions in the fields of computer aided geometric design, data approximation, and solving of partial differential equations. The details of the topic of the PhD thesis will be determined in collaboration with the selected candidate. The candidate must fulfill the requirements to be elected to the title of the assistant at the Department of Mathematics, Faculty of Mathematics and Physics. The candidate is expected to have a strong interest in solving mathematical problems and a desire to acquire new knowledge. The task of the young researcher will be the development of numerical methods based on the theory of the Bernstein-Bézier representations and B-splines, so a solid understanding of this theoretical field is desirable.

5. Priloge, ki jih kandidat priloži k prijavi (Documents that the candidate submits with the application):

☒ **potrdilo o do sedaj opravljenih obveznostih z ocenami študijskega programa, s katerim se bo kandidat prijavil na študij** (official transcript of all the grades the candidate has received so far for the study programme, with which the candidate will enroll to a doctoral degree programme)

☒ **življenjepis** (CV)

☒ **motivacijsko pismo** (motivation letter)

Opis raziskovalnega dela (Research work description)

1. Članica UL (UL member):

FMF (Fakulteta za matematiko in fiziko)

2. Ime, priimek in elektronski naslov mentorja/ice (Mentor's name, surname and email):

Eva Horvat, eva.horvat@fmf.uni-lj.si

3. Raziskovalno področje (Research field):

Topologija

4. Opis raziskovalnega dela (Research work description):

Vključuje morebitne dodatne pogoje, ki jih mora izpolnjevati kandidat/ka za mladega raziskovalca/ko, ki niso navedeni v razpisu za mlade raziskovalce (It includes any additional conditions that the candidate for a young researcher must meet, which are not listed in the call to tender for young researchers.).

Slov.: Raziskovalno delo na področju teorije vozlov ali topologije 3- in 4- dimenzionalnih mnogoterosti

Eng.: Research work in the area of knot theory and/or low-dimensional topology

5. Priloge, ki jih kandidat priloži k prijavi (Documents that the candidate submits with the application):

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☒ **nagrade** (awards (e.g. Prešeren Prize of the University of Ljubljana, Prešeren Prize of a University of Ljubljana member and/or another equivalent award))

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☒ **življenjepis** (CV)

☒ **motivacijsko pismo** (motivation letter)

☐ **opis dosedanjega sodelovanja pri raziskovalnem delu** (description of the candidate's research work)

☐ **osnutek idejne zasnove raziskovalnega dela** (preliminary research proposal)

☐ **priporočilno pismo** (letter of recommendation)

☐ **druge priloge** (other attachments)

Opis raziskovalnega dela (Research work description)

1. Članica UL (UL member):

Fakulteta za Matematiko in Fiziko

2. Ime, priimek in elektronski naslov mentorja/ice (Mentor's name, surname and email):

Prof. Dr. Miha Nemevšek, miha.nemevsek@fmf.uni-lj.si

3. Raziskovalno področje (Research field):

Fizika, Teoretična fizika

4. Opis raziskovalnega dela (Research work description):

Vključuje morebitne dodatne pogoje, ki jih mora izpolnjevati kandidat/ka za mladega raziskovalca/ko, ki niso navedeni v razpisu za mlade raziskovalce (It includes any additional conditions that the candidate for a young researcher must meet, which are not listed in the call to tender for young researchers.).

Slov.: Tema raziskovanja je teorija fizike delcev v laboratorijih (trkalniki, kot so LHC in bodoči trkalniki ter precizna fizika, vključno s fiziko okusa, elektrošibko natančno fiziko in električnimi dipolnimi momenti). V tem kontekstu se lahko prijavitelj osredotoči na signale izvora mase nevtrinov v kontekstu UV modelov, kot so Levo-desni model, gugalnični mehanizimi, ter drugi. Teme zgodnjega vesolja vključujejo preučevanje metastabilnosti vakuumu znotraj standardnega modela in preko SM, pri ničelni in končni temperaturi, njihovo uporabo v ustreznih scenarijih in izgradnjo metodoloških orodij. Druga pomembna smer je preučevanje perturbacij temne snovi, zlasti spektra moči snovi, kjer pričakujemo veliko podatkov v bližnji prihodnosti. Netrivialni kozmološki dogodki ali zgodovine, ki so prisotni v generičnih modelih BSM, lahko pustijo opazen pečat na opazovanjih, ki bodo v bližnji prihodnosti natančno izmerjeni.

Kandidat mora biti sposoben komunicirati in delati v angleščini. Poznati mora osnove kvantne teorije polja in fizike delcev ter kozmologije zgodnjega vesolja.

Eng.: The topic of research is theory of particle physics at laboratories (colliders, such as LHC and future colliders and precision physics, including flavor physics, electroweak precision physics and electric dipole moments). In this context the applicant may focus on signatures of neutrino mass origin in the context of UV complete models, such as Left-Right, see-saw and others. Early universe topics include the study of vacuum metastability within the Standard Model and beyond, at zero and finite temperature, applying these to relevant scenarios and building the methodological tools. Another important avenue is the study of dark matter perturbations, in particular the matter power spectrum, where we expect to see a lot of data. Non-trivial cosmological events or histories that are present in generic BSM models can leave a discernible imprint on observables that will be measured with precision in near future.

The applicant must be able to communicate and work in English. They should be familiar with the basics of quantum field theory and particle physics and early universe cosmology.

5. Priloge, ki jih kandidat priloži k prijavi (Documents that the candidate submits with the application):

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☒ **motivacijsko pismo** (*motivation letter*)

☒ **opis dosedanjega sodelovanja pri raziskovalnem delu** (*description of the candidate's research work*)

☒ **priporočilno pismo** (*letter of recommendation*)

Opis raziskovalnega dela (Research work description)

1. Članica UL (UL member):

UL FMF

2. Ime, priimek in elektronski naslov mentorja/ice (Mentor's name, surname and email):

Prof. dr. Miha Ravnik

3. Raziskovalno področje (Research field):

Fizika

4. Opis raziskovalnega dela (Research work description):

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Slov.: / Kandidat oziroma kandidatka za mladega raziskovalca bo delal na področju topološke mehke snovi in fotonike. Metodološko bo kot osrednje orodje uporabljal teoretične pristope (topologija), napredno HPC računalniško modeliranje (na FMF in preko) in metode strojnega učenja. Raziskave bodo usmerjene posebej v pomen in uporabo materialne anizotropije – tako mehansko, dinamično kot npr za vodenje svetlobe lahko na klasičnem in kvantnem nivoju. Delo bo potekalo v okviru Skupine za fiziko mehkih in delno urejenih snovi, s stalnim sodelovanjem z eksperimentalnimi in teoretičnimi domačimi raziskovalnimi partnerji in partnerji v tujini.

Eng.: / The candidate for the young researcher position will work in the field of topological soft matter and photonics. Methodologically, the central tools will include theoretical approaches (topology), advanced HPC computer modeling (at FMF and beyond), and machine learning methods. The research will focus particularly on the significance and application of material anisotropy – both mechanical and dynamic, as well as for guiding light at classical and quantum levels. The work will be conducted within the Soft and Partially Ordered Matter Physics Group, with ongoing collaboration with experimental and theoretical domestic research partners and international partners.

5. Priloge, ki jih kandidat priloži k prijavi (Documents that the candidate submits with the application):

☒ **diplomska listina/potrnilo o zaključku študijskega programa** (diploma certificate for study programme, with which the candidate has enrolled/ will enroll in a doctoral degree programme)

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☐ **osnutek idejne zasnove raziskovalnega dela** (preliminary research proposal)

☐ **priporočilno pismo** (letter of recommendation)

☐ **druge priloge** (*other attachments*)

Opis raziskovalnega dela (Research work description)

1. Članica UL (UL member):

Fakulteta za matematiko in fiziko

2. Ime, priimek in elektronski naslov mentorja/ice (Mentor's name, surname and email):

Tomaž Rejec, tomaz.rejec@fmf.uni-lj.si

3. Raziskovalno področje (Research field):

Teoretična fizika trdne snovi (Theoretical solid state physics)

4. Opis raziskovalnega dela (Research work description):

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Slov.: Raziskovalno delo mladega raziskovalca bo usmerjeno na preučevanje, kako z uporabo simetrijskih in topoloških konceptov povezati teorijo elektronskih pasov v fiziki trdne snovi in teorijo kvantnih vezij z namenom izboljšanja lastnosti naprav s takimi vezji. Kandidat bo raziskal, ali lahko z uporabo Josephsonovih stikov z nestandardno povezavo med energijo in fazo v preprostih kvantnih vezjih izboljšamo zaščito pred šumom. Raziskoval bo tudi na področju Josephsonovih stikov z več kontakti, kjer bo razvijal teorijo kvantnih vezij s takimi elementi in preučeval enostavna vezja, ki vsebujejo take stike.

Eng.: The research work of the young researcher will be focused on exploring how to use symmetry and topology concepts to connect the solid-state band theory with the theory of quantum circuits, aiming to improve the properties of quantum circuit devices. The candidate will investigate whether the use of Josephson junctions with non-standard energy-phase relations in simple quantum circuits can enhance noise protection. The researcher will also explore in the field of multi-terminal Josephson junctions, developing the theory of quantum circuits with such elements and studying simple circuits incorporating such junctions.

5. Priloge, ki jih kandidat priloži k prijavi (Documents that the candidate submits with the application):

☒ **diplomska listina/potrdilo o zaključku študijskega programa** (diploma certificate for study programme, with which the candidate has enrolled/ will enroll in a doctoral degree programme)

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☐ **življenjepis** (CV)

☐ **motivacijsko pismo** (motivation letter)

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☐ **priporočilno pismo** (letter of recommendation)

☐ **druge priloge** (other attachments)

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Opis raziskovalnega dela (*Research work description*)

1. Članica UL (*UL member*):

Fakulteta za matematiko in fiziko

2. Ime, priimek in elektronski naslov mentorja/ice (*Mentor's name, surname and email*):

Daniel Smertnig, daniel.smertnig@fmf.uni-lj.si

3. Raziskovalno področje (*Research field*):

Algebra

4. Opis raziskovalnega dela (*Research work description*):

Vključuje morebitne dodatne pogoje, ki jih mora izpolnjevati kandidat/ka za mladega raziskovalca/ko, ki niso navedeni v razpisu za mlade raziskovalce (*It includes any additional conditions that the candidate for a young researcher must meet, which are not listed in the call to tender for young researchers.*).

Slov.: Izvajati raziskave na področju nekomutativne algebre, natančneje teorije nekomutativnih kolobarjev

Zahtevano: močno ozadje v algebri.

Zaželeno: ozadje v nekomutativnih kolobarjih.

Eng.: To conduct research in noncommutative algebra, specifically, in noncommutative ring theory

Required: strong background in algebra.

Desired: background in noncommutative rings.

5. Priloge, ki jih kandidat priloži k prijavi (*Documents that the candidate submits with the application*):

☒ **potrdilo o do sedaj opravljenih obveznostih z ocenami študijskega programa, s katerim se bo kandidat prijavil na študij** (*official transcript of all the grades the candidate has received so far for the study programme, with which the candidate will enroll to a doctoral degree programme*)

☒ **življenjepis** (*CV*)

☒ **motivacijsko pismo** (*motivation letter*)

Opis raziskovalnega dela (Research work description)

1. Članica UL (UL member):

Fakulteta za matematiko in fiziko

2. Ime, priimek in elektronski naslov mentorja/ice (Mentor's name, surname and email):

Andreja Šarlah, andreja.sarlah@fmf.uni-lj.si

3. Raziskovalno področje (Research field):

Specialna didaktika – Izobraževalna fizika (Special didactics – Physics education research)

4. Opis raziskovalnega dela (Research work description):

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Slov.: Raziskovanje učenja in poučevanja specifičnih tem fizike z na študenta osredinjenim pristopom

Mladi raziskovalec se bo v okviru doktorskega dela seznanil z raziskovalnimi izzivi na področju izobraževalne fizike. Ukvarjal se bo z raziskavami učenja in poučevanja specifičnih tem fizike z na dijaka oziroma študenta (v nadaljevanju študenta) osredinjenim pristopom. Kandidat bo proučeval, kako lahko na študenta osredinjen pristop preoblikuje učenje in poučevanje različnih fizikalnih vsebin in kako se pri študentih oblikuje znanje in razumevanje pojavov s specifičnega področja. Poudarek bo na raziskavah učenja in poučevanja aktualnih tem, kot so biofizika in fizika podnebnih sprememb, ali na razvoju in raziskavah učinkovitosti laboratorijskih vaj odprtega tipa pri pridobivanju znanja, razvoju kompetenc znanstvenega dela in odnosu do fizike in znanosti. Mladi raziskovalec bo deloval v skupini za izobraževalno fiziko UL FMF in sodeloval z drugimi doktorskimi študenti in strokovnjaki za poučevanje fizike ter njihovimi mednarodnimi partnerji iz Italije, Nemčije, Nizozemske, Švedske in ZDA. Pri delu bo sodeloval tudi z nekaterimi slovenskimi gimnazijami in fakultetami. Rezultati doktorskega dela bodo uporabljeni za izboljšanje poučevanja in učenja fizike ter izboljšanje našega razumevanja, kako se pri učenju gradi znanje in kako potekajo konceptualne spremembe.

Zaželen je magisterij iz fizike. Zaželene so tudi izkušnje z raziskavami v izobraževalni fiziki ali izobraževanju na splošno, predvsem pa navdušenje nad fiziko in pridobivanjem znanja. Zaželeno je znanje slovenskega jezika.

Eng.: Research of learning and teaching of specific topics in physics using student-centered approaches

The doctoral candidate will explore research challenges in physics education. The candidate will explore learning and teaching specific physics topics with student-centered approaches. The focus will be on how student-centered instruction can transform the learning and teaching of specific physics topics and how students develop knowledge and understanding of specific physical phenomena. In particular, the research will emphasize contemporary topics such as biophysics and the physics of climate change, or the development and evaluation of open-ended labs, assessing their effectiveness in knowledge acquisition, scientific skill development, and attitudes toward physics and science. The young researcher will work within the Physics Education Research Group at the UL FMF and collaborate with other doctoral candidates, physics education experts and their international partners from Italy, Germany, the Netherlands, Sweden, and the USA. They will also engage with Slovenian high schools and faculties. The research findings of the doctoral work will contribute to enhancing physics teaching and learning and improving our understanding of knowledge construction and conceptual changes in physics.

A master's degree in physics is preferred, along with experience in physics education research or education in general. Most importantly, the candidate should have a passion for physics and knowledge acquisition. Proficiency in Slovenian is desirable.

5. Priloge, ki jih kandidat priloži k prijavi (Documents that the candidate submits with the application):

☒ **diplomska listina/potrdilo o zaključku študijskega programa** (diploma certificate for study programme, with which the candidate has enrolled/ will enroll in a doctoral degree programme)

☒ **priloga k diplomii/ potrdilo o opravljenih obveznostih** (official transcript of all the grades for study programme, with which the candidate has enrolled/will enroll in a doctoral degree programme)

☒ **potrdilo o do sedaj opravljenih obveznostih z ocenami študijskega programa, s katerim se bo kandidat prijavil na študij** (*official transcript of all the grades the candidate has received so far for the study programme, with which the candidate will enroll to a doctoral degree programme*)

☒ **motivacijsko pismo** (*motivation letter*)

Opis raziskovalnega dela (Research work description)

1. Članica UL (UL member):

Faculty of Mathematics and Physics

2. Ime, priimek in elektronski naslov mentorja/ice (Mentor's name, surname and email):

Matija Vidmar, matija.vidmar@fmf.uni-lj.si

3. Raziskovalno področje (Research field):

Probability Theory

4. Opis raziskovalnega dela (Research work description):

Vključuje morebitne dodatne pogoje, ki jih mora izpolnjevati kandidat/ka za mladega raziskovalca/ko, ki niso navedeni v razpisu za mlade raziskovalce (It includes any additional conditions that the candidate for a young researcher must meet, which are not listed in the call to tender for young researchers.).

Slov.: Slučajni procesi in njihove posplošitve. Kandidat/ka ima solidno poznavanje stohastične analize, teorije martingalov, Brownovega gibanja in Poissonovih procesov. Tekoče obvlada angleščino.

Eng.: Stochastic processes and their generalizations. The candidate has a solid command of stochastic analysis, martingale theory, Brownian motion and Poisson processes. Fluency in English.

5. Priloge, ki jih kandidat priloži k prijavi (Documents that the candidate submits with the application):

- ☐ **diplomska listina/potrdilo o zaključku študijskega programa** (diploma certificate for study programme, with which the candidate has enrolled/will enroll in a doctoral degree programme)
- ☐ **priloga k diplomii/ potrdilo o opravljenih obveznostih** (official transcript of all the grades for study programme, with which the candidate has enrolled/will enroll in a doctoral degree programme)
- ☐ **potrdilo o do sedaj opravljenih obveznostih z ocenami študijskega programa, s katerim se bo kandidat prijavil na študij** (official transcript of all the grades the candidate has received so far for the study programme, with which the candidate will enroll to a doctoral degree programme)
- ☐ **življenjepis, ki vključuje morebitne relevantne znanstvene objave** (CV including relevant scientific publications, if any)
- ☐ **osnutek idejne zasnove raziskovalnega dela, če že obstoji** (preliminary research proposal, if any)
- ☐ **priporočilno pismo** (letter of recommendation)
- ☐ **potrdilo o znanju angleščine, če obstoji, ali izjava da je angleščina kandidatov/kin materni jezik** (certificate of proficiency in English, if any, or a statement that English is their mother tongue)