

On the basis of the Rules on training, (co)financing, evaluating and monitoring the pursuance of research activities (Uradni list RS, št. 52/16, 79/17, 65/19 in 78/20) the Jožef Stefan Institute (hereinafter referred to as "Institute") hereby

announces a

**Public Call for Candidates
for Early Stage Researchers
with Selected Mentors
in 2020**



1. Subject of the Public Call:

The subject of this public call is in regard to the selection of early stage researches (hereinafter referred to as "candidates") who will in 2020 begin training with selected mentors in order to obtain a Ph.D. in science in the following research areas:

No	Research Area	Name of Mentoring Candidate 2020
1	Physics	prof. dr. Svjetlana Fajfer
2	Physics	prof. dr. Dragan D. Mihailović
3	Physics	prof. dr. Janez Bonča
4	Physics	prof. dr. Anton Ramšak
5	Physics	dr. Matej Kanduč
6	Physics	prof. dr. Igor Serša
7	Physics	prof. dr. Igor Muševič
8	Physics	doc. dr. Miha Mihovilovič
9	Physics	doc. dr. Matjaž Kavčič
10	Physics	prof. dr. Vid Bobnar
11	Physics	dr. Matej Pregelj
12	Physics	dr. Luka Šantelj
13	Physics	prof. dr. Boris Majaron
14	Biochemistry and Molecular Biology	prof. ddr. Boris Turk
15	Biochemistry and Molecular Biology	prof. dr. Marko Fonovič
16	Biochemistry and Molecular Biology	prof. dr. Uroš Petrovič
17	Control and care of the environment	doc. dr. Tea Zuliani
18	Control and care of the environment	prof. dr. Milena Horvat
19	Energy engineering	prof. dr. Luka Snoj
20	Materials science and technology	dr. Nina Kostevšek
21	Materials science and technology	dr. Matejka Podlogar
22	Materials science and technology	doc. dr. Sašo Gyergyek



23	Materials science and technology	doc. dr. Nina Daneu
24	Systems and cybernetics	dr. Pavle Boškoski
25	Systems and cybernetics	dr. Gregor Dolanc
26	Computer science and informatics	dr. Gregor Kosec
27	Computer science and informatics	prof. dr. Barbara Koroušič Seljak
28	Computer science and informatics	prof. dr. Nada Lavrač
29	Telecommunications	dr. Carolina Fortuna
30	Electronic components and technologies	doc. dr. Gregor Primc
31	Electronic components and technologies	dr. Mirela Dragomir
32	Electronic components and technologies	prof. dr. Andreja Benčan Golob
33	Manufacturing technologies and systems	doc. dr. Tadej Petrič
34	Manufacturing technologies and systems	prof. dr. Igor Mekjavič
35	Mechanical design	dr. Blaž Mikuž
36	Biotechnology	prof. dr. Boris Rogelj
37	Computer science and informatics	doc. dr. Anton Gradišek
38	Computer science and informatics	prof. dr. Bogdan Filipič

2. The early stage researcher should meet the following requirements:

- he/she has graduated from a university (minimum requirement) in an appropriate field, achieved by a study programme, adopted in the Republic of Slovenia prior to 11 June 2004, possesses an appropriate degree with a grade point average in all courses (exams and lab classes excluding the undergraduate thesis) of at least 8.00, and fulfils all the requirements of enrolment in postgraduate studies in order to obtain a scientific title;
- or he/she has concluded level 2 studies in an appropriate field, achieved by master courses, adopted in the Republic of Slovenia after 11 June 2004, with a grade point average in all courses (exams, lab classes and a diploma/master thesis) of at least 8.00;
- or he/she has concluded a master's degree, achieved by master courses, adopted in the Republic of Slovenia prior to 11 June 2004;
- or has regarding the first, second and third indent of this paragraph the appropriate education level, achieved at a university abroad;
- the age of 28 years included (the year of birth is taken into account); the age level will be raised above the stated 28 years if the early stage researcher has already



completed, without financial support, one or two years of a postgraduate course, where years of age will be raised by one year for each academic year registered.

If the early stage researcher candidate is enrolling in a second or third-cycle (doctoral) programme at the time of signing a contract, the grade point average of the undergraduate course, achieved by master courses, adopted in the Republic of Slovenia prior 11 June 2004, is of no relevance. The same applies for the grade point average in all study units (exams and lab classes) taken within an undergraduate course.

If the early stage researcher candidate has already concluded a master's degree in science, achieved by master courses, adopted in the Republic of Slovenia prior to 11 June 2004, the grade point average of the undergraduate course is of no relevance.

If the early stage researcher candidate has benefited from maternity or paternity leave for a minimum of six months – one year will be credited for each child – the age limit will be raised above 28 years of the age of a candidate. The same applies to documented, extended absence due to illness in the period more than six months.

Any early stage researchers who are enrolling in an additional year of a third-cycle (doctoral) programme at the time of signing a contract, or have already benefited from the stated condition, or have already been financed through an early stage research programme by the agency, or already hold a doctoral degree, are not eligible to compete in this call for applications.

3. Criteria for Assessment of Candidates:

- grade point average in all courses (exams and lab classes excluding thesis) achieved in undergraduate studies adopted in the Republic of Slovenia prior to 11 June 2004; candidates must have already passed at least 80% of all study units (exams and lab classes) in their undergraduate studies;
- MSc degree obtained in undergraduate studies adopted in the Republic of Slovenia prior to 11 June 2004;
- enrolment in postgraduate studies for the obtainment of scientific title;
- awards or prizes received;
- scientific papers published;
- participation in research work;
- assessment of an interview with a candidate.

4. Content of Applications

Application to the public call **must include:**

1. **Application form No. MR/2020** – filled in completely and signed,

as well as the following separate enclosures:

2. **Proof of education:**

- certificate of a university degree achieved in undergraduate studies adopted in the Republic of Slovenia prior to 11 June 2004, or a degree in Bologna Level 1 and Level 2 studies, or certificate of successfully upheld master's thesis in master studies adopted in the Republic of Slovenia prior to 11 June 2004, and
- supplement to the degree or degrees, if the early stage research candidate is enrolling in a first year of a postgraduate (doctoral) programme, or a certificate of the grade point average in undergraduate studies (i.e. supplement to the degree or officially certified list of all exams and lab classes taken, from which the grade point average can be seen clearly –



correct to two decimal points), as well as proof of performance with regard to obtainment of at least an 80% success rate with respect to all exams and lab classes in his/her undergraduate studies.

3. **Citizenship certificate** (photocopy of an identity card or passport).

4. **Written statement:**

- **STATEMENT No. 1** - Written statement that a candidate will graduate from his/her bachelor's or master's degree no later than 14 September 2020, and will provide, no later than on that date, a certificate of graduation or successfully upholding a master's thesis (if a candidate is already enrolled in a postgraduate course, he/she must enclose an enrolment certificate as well as a certificate of fulfilled duties in a stated postgraduate course).
- **STATEMENT No. 2** - Written statement of data privacy signed by a candidate.
- **STATEMENT No. 3** - Written statement signed by a candidate declaring that he/she has not been financed in an early stage research programme up to this point in time (if a candidate is already enrolled in a postgraduate course, he/she must enclose an enrolment certificate as well as a certificate of fulfilled duties in a stated postgraduate course).

The application may include the following enclosures:

- proof of awards or prizes received, list of published scientific articles and proof of participation in research work;
- proof of eventual maternity or parental leave and of extended absence due to illness, respectively.

5. Foreigners or candidates who graduated abroad

Foreigners and/or candidates who will apply to this public call have to obtain all necessary documents for employment in the Republic of Slovenia, no later than 14. September 2020 (**STATEMENT No. 1**).

If a candidate graduated abroad, he/she has to obtain and send to the Institute the following additional documents (prior to signing a contract with the Institute):

- a decision by a higher educational institution regarding the recognition of education abroad in order to obtain education in the Republic of Slovenia, and
- a conversion of point grade average of Bologna Level 1 and Level 2 studies, respectively, according to the system of evaluation exercised in high education institutions in the Republic of Slovenia. The conversion is prepared by the holder of education, taken into account the system of evaluation of education completed abroad.

6. Period of Employment Relationship

The Institute will form an employment relationship for a definite period of time in order to obtain a scientific Ph.D. as specified in Article 116 of the Rules on training, (co)financing, evaluating and monitoring the pursuance of research activities.



7. Applications to Public Call

The candidates can:

- deliver their application in person in a sealed envelope with the label »Do not open – application for public call to early stage researchers with chosen mentors in 2020« to the Registry office of the »Jožef Stefan« Institute, Jamova cesta 39, 1000 Ljubljana, Slovenia
- or
- send their application by registered mail with the label »Do not open – application for public call to early stage researchers with chosen mentors in 2020« to the address of the »Jožef Stefan« Institute, Jamova cesta 39, 1000 Ljubljana, Slovenia.

During the time frame of this public call, the application pack is available on the Institute's website and at the Registry office.

The final due date for delivering completed applications to this public call is Monday, 29. June 2020.

Only fully completed applications will be treated in the selection procedure, providing they have been delivered to the address of the Institute within the application time period stated above.

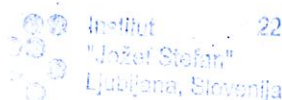
The selection of the early stage researchers will be performed by the Institute in mutual agreement with the selected mentors. The candidates will be informed of the selection results in writing.

8. Further Information and Warning

The candidates chosen for early stage researchers have to apply separately for the call for enrolment in postgraduate study programmes in the study year 2020/2021 for postgraduate study at a chosen faculty.

Candidates who will not enrol in a postgraduate course by the enrolment period will not be able to conclude the Training of the early stage researchers' contract with the Slovenian Research Agency (ARRS).

For further information regarding this public call please e-mail maja.rebolj@ijs.si or contact us on +386 41 769 203 (Ms Maja Rebolj) each working day between 9 and 11 a.m. until the conclusion of the public call.



Jožef Stefan Institute
Director:

Prof. Dr. Jadran Lenarčič

Ljubljana, 10. June 2020



Call Documentation:

- Entire text of Public Call for Candidates for Early Stage Researchers with Selected Mentors in 2020
- Application form No. MR/2020
- Statement No. 1
- Statement No. 2
- Statement No. 3
- Assessment sheet (not to be enclosed in application)



Application form 2020

1. Candidate

Name:
Surname:
Unique Personal Identification Number / Date of birth:
Tax number:
Transaction account number:
Citizenship:
Permanent residence address:
Temporary residence address:
Correspondence address:
Mobile phone number:
E-mail address (write legibly):

2. Education

2a – Filled in by candidates who have completed or will complete Bologna Level 1 studies

University:
Faculty:
Professional title - profession (obtained (or will obtain), for example: BSc. (Physics))
Date of graduation: (filled in by candidates who have already graduated)

2b – Filled in by candidates who have completed or will complete Bologna Level 2 studies

University:
Faculty:
Professional title – profession: (obtained (or will obtain), for example: MSc. (Physics))
Date of completion of master course: (filled in by candidates who have already obtained the title MSc)

2c – Filled in by candidates already enrolled in postgraduate studies – Bologna Level 3 studies

University:
Faculty:
First enrolled in the first year for study year _____
In study year 2020/2021 I intend to enrol in _____ year of study

2d – Filled in by candidates who intend to enrol in postgraduate Bologna Level 3 studies **in the study year 2020/21 for the first time**

University (planned)
Faculty (planned)
In study year 2020/2021 I intend to enrol in _____ year of study

4 Data on mentor and field of research

Name and surname of mentor	Field of research

Place and date:

Candidate's signature:



to be filled in by the Jožef Stefan Institute		
Date of application received:		
Applied in due time:	YES	NO
Application complete	YES	NO



STATEMENT No. 1

(only for candidates who have not graduated from their bachelor's or master's studies as of the day of application to the Public Call, or don't have a decision regarding the recognition of education for educational purposes in the Republic of Slovenia)

As a candidate for the position of an early stage researcher, I, the undersigned _____ hereby declare that I will graduate from my bachelor's or master's studies or present the decision regarding the recognition and assessment of education for educational purposes in the Republic of Slovenia, together with the conversion of point grade average in my undergraduate studies.

I will submit supporting documents no later than 14. September 2020.

(Place and date)

(Signature of a candidate for early stage researcher)



STATEMENT No. 2

As a candidate for the position of an early stage researcher,
I, the undersigned _____ hereby declare
that my personal data provided in the application to the Public Call for early stage candidates in 2020,
announced by the Jožef Stefan Institute, may be used for the records and registers as stipulated by the
Rules on training, (co)financing, evaluating and monitoring the pursuance of research activities, and
allow the copy of my identification document that I have submitted in accordance with the said Public
Call to be used exclusively for the purpose of determination of my citizenship.

(Place and date)

(Signature of a candidate for early stage researcher)



STATEMENT No. 3

As a candidate for the position of an early stage researcher,
I, the undersigned _____ hereby declare
that I have not been financed in an early stage research programme thus far.

(Place and date)

(Signature of a candidate for an early stage researcher)



ASSESSMENT SHEET
OF A CANDIDATE FOR EARLY STAGE RESEARCHER (ESR)

1. Research organisation: Jožef Stefan Institute, Ljubljana
2. Name and surname of mentor:
3. Programme code:
4. Name and surname of ESR candidate:
5. Scientific field code (according to ARRS):

I. Fulfilment of conditions of ESR candidate (filled in by mentor - underline or circle)

ESR candidate <ul style="list-style-type: none"> • has university degree in relevant field, obtained in undergraduate studies adopted in the Republic of Slovenia prior to 11 June 2004, and a grade point average in all study units (exams and lab classes excluding an undergraduate thesis) of at least 8.00 and meets the requirements for enrolment in third-cycle (doctoral) programme, or • has a master's degree in relevant field obtained under a master's programme adopted in the Republic of Slovenia after 11 June 2004 and an grade point average of at least 8.00 in all study units (including diploma and master thesis), or • has master's degree under a master's programme adopted in the Republic of Slovenia prior to 11 June 2004, or • has, with regard to the first, second and third indent, a comparable degree obtained at a foreign university, and • is of the age of 28 years included (the year of birth is taken into account); the age level will be raised above the stated 28 years if the early stage researcher has already completed, without financial support, one or two years of a postgraduate course, where years of age will be raised by one year for each academic year registered. 	Yes	No
ESR candidate <ul style="list-style-type: none"> • has already been financed through an early stage research programme but has prematurely terminated or failed to conclude the training programme within the contractual time period 	Yes	No
The candidate fully meets the conditions required	Yes	No

II. Assessment of ESR candidate (assessed by mentor)

1. Grade point average (exams and lab classes excluding thesis) achieved under an undergraduate programme adopted in the Republic of Slovenia prior to 11 June 2004 or under a first-cycle (bachelor's) and second cycle (master's) programme; at least 80% of study units (exams and lab classes) must be passed	
2. Master of Science degree obtained under a programme adopted in the Republic of Slovenia prior to 11 June 2004 (1.00 point)	
3. Enrolment in a third-cycle (doctoral) programme (0.5 point)	
4. Awards and prizes achieved (1.00 point)	
5. Published scientific papers (0.5 point)	
6. Participation in research work (up to a max. of 3.00 points)	
7. Assessment of an interview with a candidate	
Total assessment	



Mentor: _____

Head of Division:

Date: _____

Director:

Prof. Dr. Jadran Lenarčič

Date: _____

Official Stamp