



**Call for Tenders**  
**applicable to**  
**young researcher candidates with**  
**selected mentors**  
**in 2021**

published by

»Jožef Stefan« Institute on the basis of the Rules on Procedures for (Co)Financing, Evaluation and Monitoring of Research Activities (Official Journal of the Republic of Slovenia, No. 52/16, 79/17, 65/19, 78/20 and 145/20)



### 1. Subject of the Call for Tenders:

The Call for Tenders involves the selection of young researchers who will enrol in the following doctoral degree study programmes with selected mentors in 2021:

zš	Research area	Name and surname of the mentor
1	Physics	Assist. Prof. Dr. Miha Nemevšek
2	Physics	Dr. Igor Vaskivskiy
3	Physics	Assist. Prof. Dr. Lev Vidmar
4	Physics	Assist. Prof. Dr. Jernej Mravlje
5	Physics	Dr. Anže Rapoš Božič
6	Physics	Prof. Dr. Maja Remškar
7	Physics	Prof. Dr. Simon Širca
8	Physics	Prof. Dr. Primož Pelicon
9	Physics	Dr. Peter Jeglič
10	Physics	Dr. Brigita Rožič
11	Physics	Dr. Andrej Gorišek
12	Physics	Dr. Nerea Sebastián Ugarteche
13	Chemistry	Prof. Dr. Maja Ponikvar Svet
14	Biochemistry and Molecular Biology	Prof. Dr. Dušan Turk
15	Biochemistry and Molecular Biology	Dr. Georgy Mikhaylov
16	Biochemistry and Molecular Biology	Prof. Dr. Veronika Stoka
17	Biochemistry and Molecular Biology	Prof. Dr. Toni Petan
18	Environmental Protection	Prof. Dr. Nives Ogrinc



19	Environmental Protection	Dr. Janja Vidmar
20	Energy	Prof. Dr. Saša Novak Krmpotič
21	Materials	Prof. Dr. Sašo Šturm
22	Materials	Prof. Dr. Miran Čeh
23	Materials	Prof. Dr. Darko Makovec
24	Materials	Assist. Prof. Dr. Matjaž Spreitzer
25	Materials	Dr. Jakob König
26	Materials	Prof. Dr. Ingrid Milošev
27	Materials	Assist. Prof. Dr. Anton Kokalj
28	Systems and Cybernetics	Prof. Dr. Đani Juričić
29	Computer Science and Informatics	Prof. Dr. Peter Korošec
30	Computer Science and Informatics	Prof. Dr. Tomaž Erjavec
31	Computer Science and Informatics	Prof. Dr. Sašo Džeroski
32	Computer Science and Informatics	Dr. Mitja Luštrek
33	Telecommunications	Prof. Dr. Mihael Mohorčič
34	Electronic Components and Technologies	Dr. Vincenc Nemanič
35	Electronic Components and Technologies	Dr. Aljaž Drnovšek
36	Electronic Components and Technologies	Prof. Dr. Danjela Kuščer Hrovatin
37	Manufacturing Technologies and Systems	Prof. Dr. Jan Babič
38	Manufacturing Technologies and Systems	Prof. Dr. Andrej Gams
39	Process Mechanical Engineering	Dr. Samir El Shawish
40	Biotechnology	Prof. Dr. Aleš Berlec



## **2. Eligibility Criteria for Young Researcher Candidates:**

- At least a university degree in a relevant subject, obtained in a study programme adopted in the Republic of Slovenia before 11 June 2004, with at least an average grade 8.00 in all examinations and practical courses (excluding the diploma) and fulfilling the terms and conditions for admission to a third-cycle postgraduate course, or
- A degree obtained in a second-cycle study programme in a relevant subject, adopted in the Republic of Slovenia after 11 June 2004, with at least an average grade 8.00 in all examinations and practical courses in the first-cycle and second-cycle study programmes (considering also the grade of the Bachelor's and Master's theses); or
- A Master's degree obtained in a Master's study programme adopted in the Republic of Slovenia before 11 June 2004, or
- A level of education obtained at a university abroad, yet comparable to that required in accordance with the first, second and third indents above,
- Age up to and including 28 years (by considering the year of birth); the age limit is raised above 28 years if the young researcher has already completed one or two years of third-cycle postgraduate studies without financial support. In this case one year is added for each year completed.

If at the time of the conclusion of the contract, the young researcher candidate is enrolled in the second or third year of a third-cycle study programme, the average grade of the undergraduate studies under a study programme adopted in the Republic of Slovenia before 11 June 2004, or the average grade of all the examinations and practical courses of the first-level study programme and the second-level study programme shall be irrelevant. If the candidate has obtained a Master's degree under a Master's study programme, adopted in the Republic of Slovenia before 11 June 2004, the average grade in the Bachelor's degree programme shall be irrelevant. If the young researcher candidate has taken parental leave for at least six months, taking into account one year for each child, the age limit shall be raised above 28 years. The same shall apply to a prolonged documented sick leave of at least six months.

The Agency will not fund young researcher candidates who, at the time of signing the contract, are enrolled in an additional year of a third-cycle study programme or have already benefited from such status, candidates who have already been funded through the Agency in a young researcher programme and candidates who have already been awarded a Doctor's degree.

## **3. Criteria for Evaluating Young Researcher Candidates:**

- Average grade in all examinations and practical courses (excluding the diploma) in a university study programme adopted in the Republic of Slovenia before 11 June 2004, and/or in a first-cycle study programme and a second-cycle study programme; at least 80% of all examinations shall be passed and practical courses completed;
- Already obtained Master's degree under the Master's study programme adopted in the Republic of Slovenia before 11 June 2004;
- Enrolment in a third-cycle study programme;
- Awards or distinctions received;
- Published articles;
- Participation in research;
- Evaluation of the interview with the candidate.

## **4. Application:**

The application under the Call for Tenders **must** include:

1. **Application form MR/2021** – fully completed and signed



## 2. Proof of educational qualifications

- Proof of a diploma awarded upon completion of a study programme adopted in the Republic of Slovenia before 11 June 2004, or proof of completion of a first-cycle study programme and a second-cycle study programme, or a certificate of defence of a Master's thesis obtained in a Master's degree programme adopted in the Republic of Slovenia before 11 June 2004, and
- Annex to the diploma or two annexes to the two diplomas, if the young researcher candidate is enrolled in the first year of a third-cycle study programme, or a certificate of passed examinations and completed practical courses, if the young researcher candidate has not yet been awarded a diploma. If the candidate is already enrolled in a third-cycle postgraduate programme, he/she shall attach a certificate of enrolment and a proof of completion of the requirements for the postgraduate programme;
- Proof of the average grade in the undergraduate studies (i.e. a diploma supplement or an officially certified list of all examinations passed and practical courses taken, showing the average grade calculated to 2 decimal places). At least 80% of all examinations shall be passed and practical courses completed.

## 3. Proof of nationality (photocopy of identity card or passport).

## 4. Declaration

- **DECLARATION No. 1** – Candidate's declaration to take his/her Bachelor's or Master's degree by 14 September 2021 inclusive and to submit a certificate of diploma or of defence of his/her Master's thesis by the same day (if the candidate has already been enrolled in a postgraduate course, he/she shall attach the certificate of enrolment and a proof of the fulfilled obligations in the postgraduate course).
- **DECLARATION No. 2** – Candidate's declaration about the protection of personal data.
- **DECLARATION No. 3** – Candidate's declaration that he/she has not yet been funded under the Young Researcher Programme (if the candidate has already been enrolled in a postgraduate course, he/she shall attach the certificate of enrolment and a proof of the fulfilled obligations in the postgraduate course).

The following attachments **may** also be attached to the application:

- Proof of prizes and awards received, list of published scientific articles and proof of participation in research;
- Proof of any maternity or parental leave or prolonged sick leave, if any.

## 5. Young Researcher Candidates – Foreign Nationals and/or Foreign Graduates

Foreign nationals and/or young researcher candidates applying under the present Call for Tenders shall have all the necessary documentation for employment in the Republic of Slovenia ready by 14 September 2021 (**DECLARATION No. 1**).

If a young researcher candidate has not completed his/her first-cycle and/or second-cycle study programme and/or his/her Master's study in the Republic of Slovenia, he/she shall also send to the Institute the following items before signing the contract:

- Decision by the higher education institution on the recognition of foreign studies for the purpose of studies in the Republic of Slovenia; and
- Conversion of the average grade of all examinations and practical courses of the first-cycle study programme or second-cycle study programme according to the assessment system applied at higher education institutions in the Republic of Slovenia, such as prepared by the Institute providing the course, taking into account the assessment system of the studies completed abroad.



## **6. Term of Employment:**

Institute will conclude an employment contract for the duration of the doctoral studies, precisely for the duration of the funding period as laid down in Article 116 of the Rules on Procedures for (Co-)Funding, Evaluation and Monitoring of Research Activities.

## **7. Applications to the Call for Tenders**

Young researcher candidates should submit their applications including the required attachments by e-mail to: [mr2021@ijs.si](mailto:mr2021@ijs.si).

The tender documentation is available on the Institute's website during the call period.

**The deadline for the submission of complete applications to the call for tenders is Friday 2 July 2021.**

Only complete applications received at the Institute's address by the deadline will be considered for the selection process.

The selection of the young researcher candidates will be carried out by the Institute in agreement with the selected mentors. Candidates will be informed of their selection in writing.

## **8. Additional information and warnings**

Selected young researcher candidates must apply separately to the call for enrolment to postgraduate study programmes at the selected faculty of postgraduate studies in the academic year 2021/2022. Young researcher candidates who do not enrol in a postgraduate programme by the enrolment deadlines will not be able to conclude a Young Researcher Training Contract with ARRS.

For further information on the call for tenders, please contact [maja.rebolj@ijs.si](mailto:maja.rebolj@ijs.si) or call 041/ 769 203 between 9 and 11 a.m. on weekdays until the call closes.

»Jožef Stefan« Institute  
Director:

Prof. Dr. Boštjan Zalar

Ljubljana, 8 June 2021

### **Tender documentation:**

- Call for Tenders
- Application Form MR/2021
- Declaration No. 1
- Declaration No. 2
- Declaration No. 3
- Evaluation Sheet (not to be attached to the application)



## APPLICATION FORM

In accordance with Article 29 of the Labour Relations Act (ZDR-1, Official Journal of the Republic of Slovenia No. 21/13, as subsequently amended) and in order to get to know you better, please complete the attached questionnaire. Many of the questions are personal, but we assure you that we keep all information confidential and act in accordance with the provisions of the Personal Data Protection Act (ZVOP -1, Official Journal of the RS, No. 94/07 - Official consolidated text) and the Rules on the Protection of Personal Data at the "Jožef Stefan" Institute

Sign up for a mentor:	Choose a mentor
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### I. PERSONAL DETAILS

Name:	Klick here to enter the text.
Surname:	Klick here to enter the text.
Maiden surname:	Klick here to enter the text.
Date of birth:	dd.mm.yyyy
Place of birth:	Klick here to enter the text.
Nationality:	Klick here to enter the text.
Unique national identification number :	Klick here to enter the text.

PLACE OF RESIDENCE			
Permanent address:	Enter the address.	Enter the postal code.	Enter the place.
Country of residence:	Klick here to enter the text.		
Municipality of residence:	Klick here to enter the text.		

PLACE OF TEMPORARY RESIDENCE			
Temporary address:	Enter the address.	Enter the postal code.	Enter the place.
Country of temporary residence:	Klick here to enter the text.		
Municipality of temporary residence:	Klick here to enter the text.		

Mobile phone:	Klick here to enter the text.
E-mail:	Klick here to enter the text.



## II. EDUCATIONAL QUALIFICATIONS

### First-cycle Bologna programme

University:	Klick here to enter the text.
Faculty:	Klick here to enter the text.
Programme:	Professional higher education programme / University programme
Date of completion of studies:	dd.mm.yyyy
Achieved professional title (and abbreviation):	Klick here to enter the text.

### Second-cycle Bologna programme Not completed Completed (tick as appropriate)

University:	Klick here to enter the text.
Faculty:	Klick here to enter the text.
Programme:	Master's / Uniform Master's
Date of completion of studies: <sup>1</sup>	dd.mm.yyyy
Achieved professional title (and abbreviation): <sup>2</sup>	Klick here to enter the text.

<sup>1</sup>If the study has not yet been completed, please enter the expected date of completion.

<sup>2</sup>If not already known, please enter the intended or expected level of education.

### Third-cycle Bologna programme

(To be completed by candidates already enrolled in postgraduate studies.)

University:	Klick here to enter the text.	
Faculty:	Klick here to enter the text.	
Academic year of first enrolment to the first year of study:	Klick here to enter the text.	
In the academic year 2021/22, I intend to enrol in	Enter the year.	year

### Third-cycle Bologna programme

(To be completed by candidates intending to enrol for the first time in postgraduate studies in the academic year 2021/22.)

University (foreseen):	Klick here to enter the text.	
Faculty (foreseen):	Klick here to enter the text.	
In the academic year 2021/22, I intend to enrol in	Enter the year.	year





### III. CURRICULUM VITAE

Brief CV:	Klick here to enter the text.
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#### ATTACHMENTS (submitted in PDF format):

1. YOUNG RESEARCHER CANDIDATES WHO HAVE NOT YET COMPLETED THE SECOND-CYCLE BOLOGNA PROGRAMME
  - Photocopy of identity card or passport,
  - DECLARATIONS (1, 2, 3),
  - Photocopy of diploma and diploma supplement (first-cycle Bologna programme)
  - Certificate of the average grade of the second-cycle Bologna undergraduate programme with the calculated average.
  
2. YOUNG RESEARCHER CANDIDATES WHO HAVE COMPLETED THE SECOND-CYCLE BOLOGNA PROGRAMME
  - Photocopy of identity card or passport,
  - DECLARATIONS (2, 3),
  - Photocopy of diploma and diploma supplement (first-cycle Bologna programme),
  - Photocopy of diploma and diploma supplement (second-cycle Bologna programme),
  
3. YOUNG RESEARCHER CANDIDATES WHO ARE ENROLLED IN THE THIRD-CYCLE BOLOGNA PROGRAMME
  - Photocopy of identity card or passport,
  - DECLARATIONS (2, 3),
  - Photocopy of diploma and diploma supplement (first-cycle Bologna programme),
  - Photocopy of diploma and diploma supplement (second-cycle Bologna programme)
  - Certificate of enrolment in the third-cycle Bologna programme.
  
2. OTHER ATTACHMENTS: \_\_\_\_\_

Place and date: \_\_\_\_\_

Signature: \_\_\_\_\_



**DECLARATION No. 1**

(only for young researcher candidates who, on the date of filing their application, have not yet graduated and/or obtained a Master's degree or who have not received any decision from a higher education institution on the recognition of foreign education for the purpose of education in the Republic of Slovenia)

I, the undersigned \_\_\_\_\_, being a young researcher candidate, hereby declare that I will graduate and/or obtain my Master's Degree and/or that I will submit the decision from a higher education institution on the recognition of foreign education for the purpose of education in the Republic of Slovenia, accompanied by the conversion of the average grade of my undergraduate studies.

I will submit the supporting documents to the Institute by 14 September 2021 at the latest.

\_\_\_\_\_  
(Place and date)

\_\_\_\_\_  
(Signature of the young researcher candidate)



## DECLARATION No. 2

I, the undersigned \_\_\_\_\_, being a young researcher candidate, hereby declare that my personal data provided in my application to the Call for Applications by Young Researcher Candidates 2021, published by "Jožef Stefan" Institute, may be used for the purposes of the records or lists provided for in the Rules on the Procedures for the (Co-)Funding, Evaluation and Monitoring of Research Activities, and I hereby authorise that a photocopy of my identity document, submitted in accordance with the requirements of the above-mentioned Call for Applications, may be used solely for the purpose of identifying my nationality.

\_\_\_\_\_  
(Place and date)

\_\_\_\_\_  
(Signature of the young researcher candidate)



**DECLARATION No. 3**

I, the undersigned \_\_\_\_\_, being a young researcher candidate, hereby declare that so far I have not been funded under the Young Researcher Programme.

\_\_\_\_\_  
(Place and date)

\_\_\_\_\_  
(Signature of the young researcher candidate)



**EVALUATION SHEET – to be completed by the mentor**

1. Research organization: »Jožef Stefan« Institute, Ljubljana
2. Name and surname of the mentor: .....
3. Name and surname of the young researcher candidate: .....

**I. FULFILLMENT OF THE TERMS AND CONDITIONS FOR A YOUNG RESEARCHER CANDIDATE (to be completed by the mentor)**

<ol style="list-style-type: none"> <li>1. The young researcher candidate shall meet the following terms and conditions:</li> <li>2. At least a university degree in a relevant subject, obtained in a study programme adopted in the Republic of Slovenia before 11 June 2004, with at least an average grade 8.00 in all examinations and practical courses (excluding the diploma) and fulfilling the terms and conditions for admission to a third-cycle postgraduate course, or</li> <li>3. A degree obtained in a second-cycle study programme in a relevant subject, adopted in the Republic of Slovenia after 11 June 2004, with at least an average grade 8.00 in all examinations and practical courses in the first-cycle and second-cycle study programmes (considering also the grade of the Bachelor's and Master's theses) or</li> <li>4. A Master's degree obtained in a Master's study programme adopted in the Republic of Slovenia before 11 June 2004, or</li> <li>5. A level of education obtained at a university abroad, yet comparable to that required in accordance with the first, second and third indents above,</li> <li>6. Age up to and including 28 years (by considering the year of birth); the age limit is raised above 28 years if the young researcher has already completed one or two years of third-cycle postgraduate studies without financial support. In this case one year is added for each year completed.</li> </ol>		
The young researcher candidate meets the required terms and conditions	Yes	No

**II. EVALUATION OF THE YOUNG RESEARCHER CANDIDATE (to be provided by the mentor)**

1. Average grade in all examinations and practical courses (excluding the diploma) in a university study programme adopted in the Republic of Slovenia before 11 June 2004, and/or in a first-cycle study programme and a second-cycle study programme; at least 80% of all examinations shall be passed and practical courses completed	
2. Already obtained Master's degree under the Master's study programme adopted in the Republic of Slovenia before 11 June 2004 (1.00 point)	
3. Enrolment in a third-cycle study programme (0.50 point)	
4. Awards or distinctions received (1.00 point),	
5. Published articles (0.50 point)	
6. Participation in research (max. 3.00 points)	
7. Evaluation of the interview with the candidate (max. 3.00 points)	
Total score	



The evaluation sheet is to be completed for all young researcher candidates. The candidate with the highest score is the winning candidate.

Mentor: \_\_\_\_\_

Head of Section:

\_\_\_\_\_

Director:

Prof. Dr. Boštjan Zalar

Date: \_\_\_\_\_

Date: \_\_\_\_\_

Stamp