



On the basis of Article 22 of the Rules on training and financing of early stage researchers in research organisations (Official Gazette of the Republic of Slovenia, No. 24/2006 and RS Official Gazette amendments No. 5/2007 and No. 39/2007), the Jožef Stefan Institute hereby

announces a

Public Call for candidates for early stage researchers with selected mentors in 2008

1. Subject of Public Call:

The subject of this public call is the selection of early stage researchers who will start training with selected mentors for the obtainment of a Ph.D. degree in science in the following research areas:

- | | |
|--------------------------------------|--------------------------------------|
| ○ Physics | Prof. Dr. Dragan D. Mihailović |
| ○ Physics | Prof. Dr. Marko Starič |
| ○ Physics | Prof. Dr. Marko Mikuž |
| ○ Physics | Assoc. Prof. Dr. Borut Paul Kerševan |
| ○ Physics | Assoc. Prof. Dr. Maja Remškar |
| ○ Physics | Assoc. Prof. Dr. Denis Arčon |
| ○ Physics | Prof. Dr. Svjetlana Fajfer |
| ○ Physics | Prof. Dr. Anton Ramšak |
| ○ Physics | Prof. Dr. Boštjan Zalar |
| ○ Biology | Assoc. Prof. Dr. Dušan Kordiš |
| ○ Chemistry | Assoc. Prof. Dr. Radmila Milačič |
| ○ Chemistry | Prof. Dr. Boris Žemva |
| ○ Chemistry | Dr. Aleš Mrzel |
| ○ Chemistry | Dr. Stojan Stavber |
| ○ Biochemistry and molecular biology | Prof. Dr. Vito Turk |
| ○ Geology | Assoc. Prof. Dr. Sonja Lojen |
| ○ Geology | Dr. Sašo Šturm |
| ○ Environmental protection | Prof. Dr. Milena Horvat |
| ○ Energetics | Prof. Dr. Borut Mavko |
| ○ Energetics | Assoc. Prof. Dr. Borut Smodiš |
| ○ Energetics | Prof. Dr. Leon Cizelj |
| ○ Materials | Dr. Miha Čekada |
| ○ Materials | Assoc. Prof. Dr. Saša Novak Krmpotič |
| ○ Materials | Dr. Slavko Bernik |
| ○ Materials | Assoc. Prof. Dr. Goran Dražič |
| ○ Materials | Dr. Kristoffer Krnel |
| ○ Systems and cybernetics | Prof. Dr. Igor Mekjavič |
| ○ Computing and informatics | Prof. Dr. Matjaž Gams |
| ○ Computing and informatics | Assoc. Prof. Dr. Dunja Mladenič |
| ○ Computing and informatics | Assoc. Prof. Dr. Jurij Šilc |
| ○ Telecommunications | Prof. Dr. Jurij Franc Tasič |
| ○ Telecommunications | Prof. Dr. Gorazd Kandus |



- Electronic components and technologies Dr. Janez Holc
- Electronic components and technologies Assoc. Prof. Dr. Barbara Malič
- Production technologies and systems Dr. Leon Žlajpah
- Microbiology and immunology Dr. Nataša Kopitar Jerala
- Oncology Prof. Dr. Jože Pungertar
- Oncology Dr. Zdenka Šlejkovec
- Heart and vessels Prof. Dr. Igor Križaj
- Heart and vessels Assoc. Prof. Dr. Igor Serša
- Biotechnology Dr. Jože Brzin
- Interdisciplinary research Dr. Matjaž Aleš Korun
- Interdisciplinary research Dr. Marjeta Šentjurc
- Interdisciplinary research Assoc. Prof. Dr. Primož Pelicon

2. The early stage researcher shall meet the following conditions:

- he/she has graduated from a university (minimum requirement), possesses an appropriate degree with an grade point average in all courses (examinations and exercises - except diploma work) of at least 8.00, and fulfils the requirements of enrolment in postgraduate studies to obtain a scientific title;
- or he/she has concluded Bologna level 2 studies in an appropriate field, and reached an grade point average in all courses (examinations and exercises - except diploma work) of at least 8.00;
- or he/she has concluded a master's in a scientific subject;
- he/she must not be older than 28 years (year of birth is considered); if the early stage researcher has already enrolled in postgraduate studies and is not supported by the agency or the ministry of science, the age limit will be raised above 28 years - by one year for each academic year registered;
- if the early stage researcher has already enrolled in postgraduate studies leading to a scientific title or concluded master's studies or concluded a master's in a scientific subject, the grade point average of undergraduate studies is of no importance;
- if the early stage researcher has benefited from maternity or parent leave – 1 year will be credited per child – the age limit will be raised above 28 years, by the period of leave actually used. The same applies to (documented) extended absence due to illness or due to the performance of military service.

Early stage researchers who have already been financed through an early stage research program, but have prematurely terminated their contract or have not concluded the program within the contractual period, are not eligible to compete in this call for applications.

3. Criteria for assessment of candidates:

- grade point average in all courses (examinations and exercises - except diploma work); candidates must have already passed at least 80% of all examinations and exercises in their undergraduate studies;
- obtainment of scientific master's degree;
- enrolment in postgraduate studies for obtainment of scientific title;
- awards or prizes received;
- articles published;
- participation in research work.



The evaluation of the criteria listed can be seen from the attached form "Confirmation and assessment sheet". The mentors will examine whether the candidates fulfil the conditions and will assess them on the basis of the criteria set above.

4. Content of applications:

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

1. Application form no. MR/2008 – filled in completely, and signed

as well as the independent attachments:

2. Proof of education:
 - photocopy of university degree or photocopy of degree in Bologna level 2 studies (foreigners shall provide an official translation); or
 - written statement (STATEMENT No. 1) that the candidate will graduate from his/her bachelor's or master's studies no later than by 17th Sep 2008 and will provide, no later than by that day, a certificate of graduation or of defence of master's theses;
 - photocopy of a scientific master's degree or certificate of defence of master's thesis; or
 - if the candidate has already enrolled in postgraduate studies, he/she must enclose an enrolment certificate as well as a certificate of fulfilled duties in postgraduate studies.
3. Proof of grade point average in undergraduate studies (i.e. supplement to the degree or officially certified list of all examinations and exercises taken, from which the grade point average can be seen – correct to two decimal places), as well proof of performance of at least 80% of all examinations and exercises in his/her undergraduate studies;
4. Citizenship certificate (photocopy of identity card or passport);
5. Written statement on data privacy signed by candidate (STATEMENT No. 2);
6. Written statement signed by candidate declaring that he/she has not been financed in an early stage research program so far (STATEMENT No. 3).

The application **may** include the following attachments:

7. Proof of awards and prizes obtained, list of published scientific articles, and proof of participation in research work;
8. Proof of possible maternity or parent leave, or extended absence due to illness or military service.

5. Period of employment relationship:

The Institute will form an employment relationship for the definite period for the obtainment of a scientific Ph.D. as specified by the Slovenian Research Agency (ARRS) pursuant to Article 28 on the training and financing of early stage researchers in research organisations, which shall last no more than:

- the maximum period of four years and six months if they have enrolled in a four-year Ph.D. study program (old program);
- the maximum of three years and six months if they have enrolled in a study program in accordance with Bologna level 3 (new program).

or an appropriately shorter period in the cases specified in Article 28 of the Rules on training and financing of early stage researchers in research organisations.



Applications in writing with attachments and compulsory mention of the mentor with which the candidate wishes to train, must be delivered **by registered mail no later than and including 30th May 2008** to the following address: Jožef Stefan Institute, Jamova cesta 39, SI – 1000 Ljubljana, Slovenia, with the label "**Do not open – application to public call for early stage researchers in 2008**".

Each envelope may contain the application written in for one mentor only.

Applications will be treated in the selection procedure only if they have been delivered to the address of the Institute within the application period.

The selection of early stage researcher candidates will be performed by the Institute in mutual agreement with the selected mentors.

The candidates will be informed of the selection results within an estimated period of 20 days after conclusion of the call for applications.

For further information please contact: +386 (0)1 477 3 242.

Jožef Stefan Institute

The Director:

Prof. Dr. Jadran Lenarčič

Ljubljana, this 11th April 2008

Documentation for Call for Applications:

- Entire text of public call
- Application form no. MR/2008
- Statement no. 1
- Statement no. 2
- Statement no. 3
- Confirmation and assessment sheet (not to be enclosed in application)

Web links to:

- Institutional mentors for early stage researchers in accordance with the Slovenian Research Agency (ARRS) for 2008, with specific field of research

http://www.ijs.si/ijsw/Mladi_raziskovalci%2C_%C5%A1tipendije

- Code table for fields of research

<http://www.arrs.gov.si/sl/gradivo/sifranti/sif-vpp.asp>

- Rules on training and financing of early stage researchers in research organisations

<http://www.arrs.gov.si/sl/mr/akti/prav-mr-RO-maj07.asp>

- ARRS sample contract for early stage researchers

<http://www.arrs.gov.si/sl/mr/obvestila/07/objava-tipske-pog-180507.asp>



APPLICATION FORM No. MR/2008

1. Candidate
Name and surname:
Date of birth:
Citizenship:
Permanent residence:
Temporary residence:
Correspondence address:
Phone number contact (mobile phone):
E-mail address:

2. Educational data	
University and faculty of university studies	University:
	Faculty:
University and faculty of Bologna level 2 studies	University:
	Faculty:
Grade point average in undergrad. studies or Bologna level 2 studies (correct to two decimal places) (data must comply with enclosed certificate)	
Status of postgraduate studies for obtainment of scientific degree	Not enrolled yet
	Enrolled in year in the academic year
	Scientific master's degree obtained YES NO
University and faculty of postgraduate studies for obtainment of scientific degree	University:
	Faculty:
Type of training (indicate)	1 st Ph.D. in science
	2 nd Ph.D. in science (after award of master's degree)

3. 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 Jožef Stefan Institute		
Date of receipt of application:		
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)

As a candidate for the position of an early stage researcher, the undersigned _____ hereby declares that he/she will graduate from his/her bachelor's or master's studies no later than by September 17, 2008. By the date mentioned, he/she will also submit to the *Jožef Stefan Institute* a certificate of graduation, or of defence of master's thesis.

(Place and date)

(signature of candidate for early stage researcher)



STATEMENT No. 2

As a candidate for the position of an early stage researcher, the undersigned _____ hereby declares that his/her personal data provided in the application for the 2008 Public Call for early stage candidates announced by the *Jožef Stefan Institute* may be used for the records and registers as stipulated by the Rules on training and financing of early stage researchers in research organisations (Official Gazette of the Republic of Slovenia, No. 24/2006 and RS Official Gazette amendments No. 5/2007 and No. 39/2007).

(Place and date)

(signature of candidate for early stage researcher)



STATEMENT No. 3

As a candidate for the position of an early stage researcher, the undersigned _____ hereby declares not to have been financed in an early stage research program so far.

(Place and date)

(signature of candidate for early stage researcher)



CONFIRMATION AND ASSESSMENT SHEET
of Candidate for Early Stage Researcher (ESR)

(Announcement of Public Call published in the daily newspaper *Delo* on 15th April 2008,
Public Call published on web page of the Jožef Stefan Institute on 15th April 2008)

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

I. Fulfilment of conditions of ESR candidate
(underline or circle)

1. University education or concluded Bologna level 2 studies in relevant field, he/she meets conditions for enrolling in postgraduate studies for the award of a scientific degree, has grade point average of all examinations and exercises (except diploma work) at least 8.00 ¹	Yes	No
2. No degree – is in his/her last year of university or Bologna level 2 studies, i.e. concluding his/her studies and has taken at least 80% of all examinations (inclusive of exercises) ²	Yes	No
3. Up to 28 years of age (considering year of birth) ³	Yes	No
4. Candidate has already been financed through an early stage research program, but has prematurely terminated or failed to conclude the training program within the contractual period	Yes	No

The candidate fully meets the conditions required **Yes** **No**

II. Assessment of ESR candidate (assessed by the mentor)

1. Grade point average in graduate studies or Bologna level 2 studies at the time of application for ESR early stage researcher (correct to two decimal places, for instance, 8.32)	
2. Existing title of master of science (1.00 point)	
3. Enrolled in postgraduate studies for the award of a scientific degree (0.50 point)	
4. Obtained the academic "Prešeren" award (1.00 point)	
5. Obtained another award ⁴ (0.50 point)	
6. Published scientific articles (1.00 point for sole authorship or proportional part for co-authorship) ⁵	
7. Participation in research work (up to a max. of 3.00 points)	

Overall grade: _____

The Mentor: _____

Head of Section:

The Director:
Prof. Dr. Jadran Lenarčič

Seal

¹If the candidate has enrolled in postgraduate studies for the award of a scientific title or has obtained a master's degree, the grade point average in undergraduate studies of at least 8.00 is not required. With foreign citizens, a sensible conversion of the grade points will be taken into account.

²Prior to the conclusion of the contract, the candidate must graduate and reach an average point grade of all examinations and exercises of at least 8.00!

³ If the candidate has no financial support by the agency or ministry of science, and has already enrolled in postgraduate studies, the age limit will be raised above 28 years - by one year for each academic year registered. If the candidate has benefited from maternity or parent leave – 1 year will be considered per child – the age limit will be raised above 28 years, by the period of leave actually used. The same applies to (documented) extended absence due to illness or due to the performance of military service.

⁴ For example, "Prešeren" and other awards conferred by members, professional associations and similar awards may be taken into account, at the discretion of the mentor.

⁵ In case of co-authorship, the proportional part is calculated by dividing 1 point by the number of co-authors.