

INTRANET - Applications

APPLICATION DATA

EP12D1118FU

1. [Personal Data](#)
2. [Home Institution](#)
3. [Academic Qualifications](#)
4. [Work Experience](#)
5. [Language Skills](#)
6. [Publications](#)
7. [Proposed Training](#)
8. [Proposed Host Universities](#)
9. [Motivations and Added Value](#)
10. [Document Upload](#)

1. Personal Details

Applicant's Personal Details

- * Surname/Family Name: [Tretyakov](#)
* Forenames/Given Names: [Alexander](#)
* Date of Birth: [28/11/1991](#) (day/month/year)
(day/month/year)
* Place of Birth: [Borodini, Krasnoyarsk Krai](#)
* Gender: [Male](#)
* Nationality: [Russia](#)
* IC/Passport : [IC no. : Passport no. : 72 6978128](#)
(at least one)
* Have you applied at the same time to other financial support (Project funded by the European Union or other)?
[No](#)
* Are you also applying to ERANET-MUNDUS?
[No](#)

Permanent address

- * Street and number: [Svobodny Pr., 43-63](#)
* Postcode: [660018](#)
* City: [Krasnoyarsk](#)
* Country: [Russia](#)

Contact Details

- * Telephone: [+79233700737](#)
* Primary e-mail: [atretyakoff@mail.ru](#)
Alternative Email:

[Back to index](#)

2. Home Institution

Details of the Home Institution

Proof of HEIs support to be provided

- * Official Name of the Higher Education Institution: [SibFU - Siberian Federal University](#)
* Country: [RU](#)
[Russia](#)

Applicant's Student Number:

Organization responsible for the Doctorate at the HEI

- * Faculty/School: [Radio Engineering](#)
* Department: [Institute of Engineering Physics and Radio Electronics](#)
* Name of Academic Supervisor: [Yanis Bulbik](#)
* Position of the academic supervisor: [Professor](#)
* Academic Supervisor's Email: [ybulbik@sfu-kras.ru](#)

(Max. 1500 characters)

[Dr.Sci.Tech., Professor](#)[Publications: 43](#)[Patents: 9](#)[Back to index](#)

3. Academic Qualifications

Indicate the main academic qualifications achieved, starting by the most recent ones.

Proof of all academic qualifications must be provided; please **upload** a copy of the official documents in **section 10**.

(a)

- * Academic degree awarded: [1st Degree](#)
* Title: [Topology of Systems of Departmental Phone Communications Based on SIP](#)
* Institution: [Institute of Engineering Physics and Radioelectronics of SibFU](#)
* Country: [Russia](#)
* Date of Award: [06/2013](#) (month/year)
* Grade obtained / Max. Grade: [5/5](#)

(b)

- * Academic degree awarded:
* Title:
* Institution:
* Country:
* Date of Award: (month/year)
* Grade obtained / Max. Grade:

(c)

- * Academic degree awarded:
* Title:
* Institution:
* Country:
* Date of Award : (month/year)
* Grade obtained / Max. Grade:

(d)

- * Academic degree awarded:
* Title:
* Institution:
* Country:
* Date of Award: (month/year)

* Grade obtained / Max. Grade:

[Back to index](#)

4. Employment Experience

Post held and a brief description of the nature of employment. Please include all details which are relevant to your training.

* Do you have any employment experience?

Yes

* If YES, please describe your employment experience:

(Max. 1500 characters)

I am a lecturer in Theory of Electrical Communications in SibFU. Also I was a lecturer in physics in gymnasium.

[Back to index](#)

5. Language skills

Proof of language proficiency must be provided; please upload a copy of the official documents in section 10.

* Mother tongue: Russian

Other languages:

Language	Listening	Reading	Writing	Speaking
1. English	Good	Good	Good	Good
2. German	Basic	Basic	Basic	Basic
3.				

[Back to index](#)

6. Publications

Please indicate your most relevant publications, starting with those mostly related to your proposed training.

The references must include: authors, title, publisher, year, city, page number and other relevant bibliographical data.

If you don't have any publication, click on "Save" without writing any information.

(a) (Max. 500 characters)

Currently me and Associate Professor of Department of Radio Engineering (Institute of Engineering Physics and Radio Electronics of SibFU) Alexander Voloshin are involved in researching electrodynamic parameters of building materials (in particular - composites) in the microwave range on my own initiative. Publication will be presented by march. All details are in recommendation letter from Alexander Voloshin.

(b) (Max. 500 characters)

(c) (Max. 500 characters)

(d) (Max. 500 characters)

(e) (Max. 500 characters)

[Back to index](#)

7. Proposed Training

Please indicate the main aspects of your proposed training.

The workplan proposed must coherently describe the existing relation between the activities already developed in the home institution and those you intend to develop in the host institution. If your proposed training includes both a teaching and a research component, you must describe both in detail.

* Type of training:

Doctorate

* Duration of the Requested Scholarship: (Number of months)

6

* If you are registered for an official doctoral programme at your home institution, please fill in the information below:

Title of the Doctoral Programme you are enrolled in:

Radiophysics

Title of your research project:

Electromagnetic Compatibility of Devices Operating in Microwave Range

Field of study of your doctoral programme:

06 - Engineering, technology

06.5 - Electronic Engineering, Telecommunications

* Briefly describe the doctoral programme you are enrolled in at your HEI:

(Max. 1500 characters)

1. Development of physycal bases of generation, increase and transformation waves of different nature.

2. Studying of linear and nonlinear processes of radiation, diffraction, dispersion, interaction and transformation waves in artificial and natural medium.

3. Development, researching and creating a new devices

4. Researching of fluctuations, interferences random processes in RE.

5. Development of a theoretical and technical bases of new communication methods.

* Describe in detail the work plan you intend to develop at the host HEI:

(Max. 2500 characters)

1. Studying of experience of research in the field of physical nature of wireless communications

acquaintance with the specialized literature in the subjects;

become acquainted with some people related to the subject;

to study and analyze the basic methods, models and simulation modeling applied in the host university for the subjects;

to conduct the review of the software and the equipment used for the analysis;

2. To acquaint local staff with the experience gained in Russian Federation.

3. To carry out the comparative analysis of methods and techniques applied in the home and the host universities with clarifying of the basic merits and demerits.

4. To conduct researches in field of electromagnetic copatibility.

5. The publication of papers displaying results of the researches.

[Back to index](#)

8. Host Universities you apply to

Please prioritise the HEIs you are applying to.

* Field of study of the project you intend to develop at the host Institution:

06 - Engineering, technology

06.5 - Electronic Engineering, Telecommunications

* Official Name of your first host Institution priority:

UP - University of Poitiers

* Country:

France

* Official name of the course you intend to attend at the host institution selected as first priority:

? XLIM-SIC Laboratory : Signal - Image - Communications - Department of the XLIM institute (Laboratoire XLIM-SIC : Signal - Image - Communications - Département de l'Institut XLIM), UMR 6172.

* Is your proposal part of any common project of the two institutions?

No

If YES, please quote the project title:

* Have you established any previous contacts with any academic of the HEI to supervise your work?

Yes

If YES, please quote the name of the academic:

Prof Vauzelle

Official Name of your second host Institution priority:

UPC - Polytechnic University of Catalonia

Country:

Spain

Official name of the course you intend to attend at the host institution selected as second priority:

Doctorate exchange stay in the Doctorate in Electronic Engineering (RF/Microwave)

Is your proposal part of any common project of the two institutions?

No

If YES, please quote the project title:

Have you established any previous contacts with any academic of the HEI to supervise your work?

No

If YES, please quote the name of the academic:

[Back to index](#)

9. Motivation and Added Value

*** Please state briefly the main reasons why you intend to undertake post-graduate studies, as well as the added value you perceive to be attached to your training proposal.**

(Max. 1000 characters)

Because I really love all that related to science on the whole and especially to Physics. I can't even image myself not under training in some field of a science. That's why I think that science will be forever my first priority.

*** Why have you chosen this field of study/subject area?**

(Max. 1000 characters)

Day by day wireless technologies growing in popularity. Because they usually more cheap, more quick in deployment, they do not create some obstacles for any object beside and eventually they provide portability! Also they are very interesting things in researching. Not so long time ago I research electromagnetic compatibility of the microwave and GSM ranges and now I think that this is really promising field of science. Why? Because day by day wireless technologies growing in popularity as I mentioned earlier and more and more types of wireless devices work in the same range.

*** Please describe briefly the impact of your training proposal on the development of your professional activity.**

(Max. 1000 characters)

First of all there are different cultures in different countries. Strangely enough but it refers to scientific activity as well. I will gain experience every day just interacting with people cause I know that every person has his own unique experience to share, thus I'm sure that students, professors and staff in the host university will impact on my professional activity in the best way.

*** Please explain briefly how you think your training proposal might contribute to the development of institutional links between the home and host institutions.**

(Max. 1000 characters)

I think that experience and skills sharing (as I mentioned earlier) is the base of education activity. So almost every time I gain an experience - I transfer my own! Moreover some amount of people from the home and the host higher education institutes will know each other and thus they will be able to interact after visiting the foreign university and briefly exchange some ideas.

[Back to index](#)

10. Document Upload

Applicants must send (upload) the following documents:

(DOC or PDF, with a maximum of 2 MB each)

Due to limitations in the webserver that hosts this website, the uploaded documents must have a maximum size of 2 MB.

*** ID card or Passport:**



[ID.pdf](#) (786.865 bytes)

*** Educational Record (transcript of records) / Degree Certificates:**



[History.pdf](#) (2.506.972 bytes)

*** Invitation letter**



[InvitationLetter.pdf](#) (121.892 bytes)

*** Language Certificates:**



If the host institution you're applying to demands specific language skills (eg. Dutch or English), the upload of the correspondent language certificate is mandatory.



[Language.pdf](#) (278.369 bytes)

*** CV (Curriculum Vitae):**



[CV.pdf](#) (132.313 bytes)

*** Proof of economical and/or social disadvantage situation (optional)**

Other documents (recommendation letters ...):



[Other.pdf](#) (1.058.930 bytes)

[Back to index](#)