

**Self-evaluation Report**  
**about completing a short-term research visit to Institut Aéronautique et Spatial**  
**by undergraduate Khnykin Anton**

1. Hosting country: *France*
2. City/town: *Toulouse*
3. Dates of staying: *from May 21<sup>th</sup> 2013 till July 13<sup>th</sup> 2013*
4. Visit details:
  - 4.1. Official name of the hosting University/institution: *Institut Aéronautique et Spatial*
  - 4.2. Name of Hosting Faculty/Department: *Space industrial modules*
  - 4.3. Aims of visit: *to obtain practical knowledge about the methods and tools for high-level design of SoC of the spacecraft which are used by the European Space Agency*
5. Initial plan of visit: *To study common principles of spacecrafts design at European Space Agency. To study the design of System-on-Crystal for on-board system at the European Space Agency. To study the characteristics of the on-board SoC at Thales Alenia Space. To make new expanding professional and study networks contacts for develop common projects.*
6. Results of visit

*The course of lectures at Institut Aéronautique et Spatial was learnt. The course of lectures consisted of five modules which were devoted to space industrial environment, european industrial organization, project management, assurance, quality and standardization, supply chain. As a result of lectures a Multi Choice Questions Exam was passed.*

*Practical work was done in Thales Alenia Space. Practical work included preparing a response to a request for information for the spacecraft Telkom-3S.*

*Production of spacecraft in Thales Alenia Space in general was got to know. There were some excursions in Thales Alenia Space and Astrium devoted to spacecraft platform and spacecraft payload assembling and testing.*
7. Evaluation of the visit efficiency (give a paragraph description about each of the following points)
  - 7.1 evaluation of training suggested at the host institution (if applicable):

*Good, set of subjects was useful for my future dissertation.*
  - 7.2 teaching staff efficiency (if applicable):

*Good, a lot of examples, exercises. Every lection was structured and clearly for understanding.*
  - 7.3 new knowledge and competences:

*Good, I get answers on my questions, which I have concerning my dissertation.*
  - 7.4 involvement into multicultural and multinational environment/ awareness about other social systems:

*None.*
  - 7.5 awareness of innovative approaches to solving professional problem:

*I get links to documents and papers which are useful for my dissertation.*

7.6 new contacts/expanding professional network:

*Contacts with people in standardization field, supply chain management, project management, quality assurance.*

8. Percentage of completing the initial plan of visit:

*60%*

9. How much the visit contributed to your future professional/research activities?

*I collect data and information for my dissertation.*

10. List of documents confirming your successful completion of the research visit (*should be attached*):

*Certificate.*

11. Overall evaluation of the visit

*Good, I have a lot of useful contacts and information in my professional field, but organization of practical part of visit should be better.*

12. What changes would you have made if you were preparing for the next visit of a similar kind?

*I need to have professional contacts before internship for best results in the work.*

Date of report

Signature