

Θέμα:**Από:** "Hana Ursic" <hana.ursic@ijs.si>**Ημερομηνία:** 29/8/2017 6:22 μμ**Προς:** <mtsakop@cc.uoi.gr>, <dsiamopu@cc.uoi.gr>

Dear colleague,

I am writing to you regarding Erasmus+ programme. If you maybe know students with Chemical, Physics, Material science, or some other technical backgrounds, which would like to do the internship with Erasmus+ at Jožef Stefan Institute, Electronic Ceramics Department in Ljubljana, Slovenia, they can apply to my email.

Thank you

Best regards

Hana

Asst. Prof. Dr. Hana Uršič

Electronic Ceramics Department

Jozef Stefan Institute

Jamova 39

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EMPLOYER INFORMATION	
Name of organization	Jožef Stefan Institute
Address	Jamova cesta 39
Postal Code	1000
City	Ljubljana
Country	Slovenia
Telephone	+386 1 477 3936
Fax	+386 1 477 3887
E-mail	hana.ursic@ijs.si
Website	http://www.ijs.si/ijsw/V001/JSI
Number of employees	900
Year of foundation	1949
Contact person	Dr. Hana Uršič
Department / Function	Electronic Ceramics Department K5
Direct telephone number	+386 1 477 3936
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Direct e-mail address	hana.ursic@ijs.si
Short Description of the Company	<p>The Jožef Stefan Institute is the main research institute in Slovenia. It gathers more than 800 employees within several research departments in physics, chemistry, electronics, energetics etc. The Jožef Stefan Institute has collaborations with national and international companies and universities.</p> <p>The Electronic Ceramics Department is active in the field of synthesis, properties and applications of ceramic materials for electronics and energetics including mainly piezoelectrics, ferroelectrics, relaxors and conductive oxides. At the department, the studies focus mainly bulk materials, thick and thin films and printed structures prepared from lead-based as well as lead-free</p>

	materials.
Other	

PLACEMENT INFORMATION	
Department / Function	Electronic Ceramics Department K5, Jožef Stefan Institute http://www-k5.ijs.si/
Description of activities	<p>The work will be focused on the study of domain structure and the local conduction of different ferroelectric and relaxor materials. In order to characterize these materials, the piezo-response force microscopy (PFM) and conductive atomic force microscopy (CAFM) will be used for providing the information about the domain structure and local conduction of the selected samples. The study is interesting and scientific.</p> <p>The aims of the internship job will be 1) to understand the basic principles of the atomic-force, piezo-response force and conductive atomic-force microscopes, 2) learn how to use these techniques and 3) characterize some selected materials by them.</p>
Duration	at least 3 months, if possible more, first possible start date: 15 th August 2015
Working hours / Weekly hours	8 hours/ day 40 hours/week
City	Ljubljana
Help with finding Accommodation	yes
Financial Contribution	no
Other	

OTHER REQUIREMENTS	
Driver's license	Not needed
Other	<p>Student of chemistry, physics, material science or some related studies</p> <p>The applicant needs to be interested in characterization of new materials and motivated to work on high level scientific research in the area of piezoelectric and ferroelectric materials.</p>