



COST STSM Application Form

To be sent by the applicant as attachment by e-mail together with all the documents he/she would like to submit to support the application (full CV, detailed work plan, motivation, etc.) to the

- * Host (who will send his agreement to host the applicant to the MC Chair)
- * MC Chair for evaluation and approval

COST Office Science Officer: DR GIUSEPPE LUGANO, giuseppe.lugano@cost.eu

COST MC Chair: PROF. PIERRE PAROT, parot@cea.fr

COST STSM Manager: PIERRE PAROT, pierre.parot@cea.fr

COST STSM Reference Number: COST-STSM-TD1002-12094

Period: 2012-11-19 00:00:00 to 2012-12-28 00:00:00

COST Action: TD1002

STSM type: Regular (from Lithuania to France)

STSM Applicant: Dr Denys Naumenko, RC for Microsystems and Nanotechnology at Kaunas University of Technology, Kaunas(LT) , denys.naumenko@ktu.lt; denys.naumenko@gmail.com

STSM Topic: The investigation of biological membranes by high-resolution AFM and Tip-Enhanced Raman Spectroscopy

Host: Simon Scheuring, U1006 INSERM / UNIVERSITE AIX-MARSEILLE, Marseille(FR), simon.scheuring@inserm.fr

Budget Request: Year-2012

Travel	600 Euro
Subsistence (hotel/meals)	1900 Euro
Total	2500 Euro

Short CV:

- date of birth: September 11, 1979.
- Research Fellow at the RC for Microsystems and Nanotechnology, Kaunas University of Technology.
- PhD degree: Ph.D. in Solid State Physics (2010), Department of Polaritonic Optoelectronics, Institute of Semiconductor Physics, National Academy of Sciences of Ukraine.
- PhD thesis: "\\Photoelectric properties of metal-semiconductor contact with the fullerite, organic semiconductor or nanoparticles intermediate layer\\"
- higher education degree: M.S. in Physics (2001), Faculty of Physics and Mathematics Luhansk Taras Shevchenko National University.

Work Plan Summary:

- The investigation of biological membranes by high-resolution AFM.
- The integration of Renishaw Raman spectrometer with Bruker BioScope Catalyst Atomic Force Microscope.



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- Tip-Enhanced Raman Spectroscopy measurements of biological membranes.

I request the approval of a COST Short Term Scientific Mission as described above

Applicant

Dr Denys Naumenko

23 Oct 2012