



St Petersburg Electrotechnical
University "LETI"
Nanotechnology Centre



Alexey Ivanov

**St Petersburg Electrotechnical University
"LETI"**



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St Petersburg Electrotechnical University (ETU)

www.eltech.ru

- Member of Russian Nanotechnology Network (RNN)
- RNN Educational Area Co-Chair
- Research Educational Centre was founded in 2008
- 5 Projects in Nanotechnology Infrastructure Development, Federal Program
- 3 Projects in FP6 (NMP, IST)
- 4 Projects in FP7 (NMP, IST)







We are expecting mutual beneficial cooperation with Finland

Example:

- NanoLab has been developed by ETU and offered to the market
- Spinverse has evaluated NanoLab potential and found TEKLAB, Finnish Company
- ETU contributes NanoLab
- TEKLAB contributes market expertise and networking

LOW-BUDGET TEACHING AND LABORATORY COMPLEX
FOR NANOTECHNOLOGICAL EDUCATIONAL NETWORK

Purpose of the complex: system implementation of a wide range of training programs for the personnel and promotion of knowledge within formed national nanotechnology network

Peculiarity of the complex: purchase availability, ease of placement and service

NANOTECHNOLOGIES
NANODIAGNOSTICS

Centre of Microtechnology and Diagnostics, St Petersburg Electrotechnical University "LETI"
5, Professora Popova str., St. Petersburg, Russia, 197376
Tel: +7 (812) 234-2757 Tel./Fax: +7 (812) 234-1682 E-mail: cmid_leti@mail.ru



We are working on joint project Remote access to Helios NanoLab 400, unique focused ion beam station for nanoelectronics

- **Pilot unit works at ETU. It has been developed within Federal Program**
- **Helios NanoLab 400 is used at Micronova Nanofabrication Centre of the Aalto University**
- **There are more Helios NanoLab 400 (3) in Finland that could be equipped with remote access**





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Thanks for your time

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asivanov@mail.eltech.ru