

## POSTDOCTORAL POSITION IN Micro- And Nano-Biological Systems And Devices

Nano-Biosystems group has a post-doctoral opening in development and fabrication of micro- and nano-biological architectures interfacing solid-state electronic components with stimuli-responsive biopolymers such as DNA or polypeptides. The responsibilities will include fabricating micro- and nanoscale components by a variety of methods including e-beam lithography and focused ion beams; bio-functionalizing the devices; and probing of their structure and performance.

The position requires:

- PhD in experimental physics, chemistry, engineering, or related field within 4 years prior the appointment date;
- Hands-on experience in clean-room micro- and nano-lithography techniques;
- Demonstrated record of research productivity.

Experience in Raman spectroscopy, SERS, nanoplasmonics, or heterogeneous catalysis will be an asset.

### To Apply:

Please e-mail your CV and contact information for three references to:

Dr. Maria Stepanova

Department of Electrical and Computer Engineering,

University of Alberta

Email [ms1@ualberta.ca](mailto:ms1@ualberta.ca)

### Closing date:

The position is open until filled.

**We thank all applicants for their interest; however, only those individuals selected for an interview will be contacted.**

*The University of Alberta is committed to an equitable, diverse, and inclusive workforce. We welcome applications from all qualified persons. We encourage women; First Nations, Métis and Inuit; members of visible minority groups; persons with disabilities; persons of any sexual orientation or gender identity and expression; and all those who may contribute to the further diversification of ideas and the University to apply.*