



# **“Trends in nanomechanics and nanoengineering”**

**24.08.2009-28.08.2009**

**Siberian Federal University/Krasnoyarsk – Russia**

**Second Announcement**

## Oral presentation

The duration of an oral presentation, including discussion, is planned to be:

1. 45 minutes for plenary talks,
2. 30 minutes for invited talks,
3. 20 minutes for contributed papers

## Conference fee

Participant	Earlybird (before 1 May)	Regular (after 1 May)
Participant	150 €	200 €
Students	50 €	100 €
Accompanying persons	100 €	150 €

***The registration fee for a Regular Participant and students includes:***

1. Admission to all session
2. Workshop program
3. Conference Badge
4. Snacks and soft drinks during the coffee breaks
5. Welcome Reception

***The registration fee for a Accompanying Person includes:***

1. Admission to all session
2. Conference Badge
3. Snacks and soft drinks during the coffee breaks
4. Welcome Reception

Application for financial support including information about the scientific status and age of the applicant should be submitted together with the application for participation. Partial conditional financial support is available.

## Poster presentation

The standard size for the poster is A0 format.

Early submission of application is recommended. The number of participants will be strictly limited. Applicants submitting a contribution will be considered with preference.

## Publication

The papers presented at this Workshop will be published in a special issue "Nanomechanics" of the "International Journal of Non-Linear Mechanics" by Elsevier and in a special issue of the "Nanoscale Research Letters" by Springer

**About the  
Workshop's  
program...**

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**Payment details****Beneficiary Bank**

VTB 24 (JSC), Moscow, Russia SWIFT: CBGURUMM

**Beneficiary**

N.V. Kazak acc. n. 40817978925460000003

**Intermediary Bank**

Deutsche Bank AG, Fr/Main, Germany, SWIFT: DEUT-DEFF

**Correspondent account**

100947525200

**Registration fee  
payment**

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**The list of confirmed plenary and invited speakers  
and titles of the preliminary talks**

Apparao M. Rao (Clemson University, USA)

**“Harmonic Detection of Resonance Method”**

Brian A. Korgel (The University of Texas at Austin, USA)

**“Semiconductor Nanowires: Mechanical  
Properties, Surface Chemistry and Impurities”**

Daniel E. Buergler (Institut fuer Festkoerperforschung,  
Germany)

**“Spintronics: Magnetism and spin-dependent  
transport on the nanometer scale”**

Yoshinori Ando (Meijo University, Japan)

**“Carbon Nanotube: The Inside Story”**

Leonid A. Chernozatonskii (Emanuel Institute of Bio-  
chemical Physics of RAS, Russian Federation)

**Title of the talk to be confirmed...**

Alexander V. Okotrub (Institute of Inorganic Chemistry,  
SB RAS, Russian Federation)

**“Electronic structure and properties of nitrogen  
doped carbon nanotubes”**

Laszlo Forro (Institut de Physique de la Matière Conden-  
sée, Switzerland)

**“Mechanical properties of individual  
nanostructures”**

Grigory N. Churilov (Kirensky institute of Physics, SB  
RAS, Russian Federation)

**“Experimental observed data of the investigation  
influence of physical fields on formation of differ-  
ent structures in carbon-helium plasma under**

**Scientific  
program**

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**atmospheric pressure.”**

Sergey G. Ovchinnikov (Kirensky institute of Physics, SB RAS, Russian Federation)

**Title of the talk to be confirmed...**

Javier M. Sese (Institute of Nanoscience of Aragón, Spain)

**“Control of the coercive magnetic field in Fe thin films using arrays of nano-antidots”**

Konstantin N. Eltsov (General Physics Institute, Russian Federation)

**“Halogen induced surface nanostructuring”**

Pavel V. Avramov (Siberian Federal University, Russian Federation)

**Title of the talk to be confirmed...**

Nikolay G. Galkin (Institute of Automation and Control Processes FEB RAS, Russian Federation)

**“Silicide nanostructured multilayers in monocrystalline silicon matrix: growth, structure and properties”**

Timur S. Shamirzaev (Institute of Semiconductor Physics SB RAS, Russian Federation)

**“Spin relaxation in type I QDs with indirect band gap structure”**

Alexander V. Soldatov (Southern Federal University, Russian Federation)

**“X-ray absorption spectroscopy as a tool for 3D nanoscale atomic structure analysis”**

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Krasnoyarsk is a large scientific and cultural center of Eastern Siberia, besides it is the largest Siberian port on the Yenisei River. The City Tour enables you to see the most interesting spots in Krasnoyarsk - the Intercession Cathedral; the Chapel on the Karaulnaya (Guard) Mountain, and the Transsiberian Railway Road bridge over the Yenisei River.

We have a plan to visit a nature reserve Stolby or the Rock Pillars. Stolby covers an area of 470 km<sup>2</sup> (181 mile<sup>2</sup>) with numerous giant granite rocks formations up to 100 meters high, many of very extraordinary shapes.

Also we want to organize excursion to the Krasnoyarsk Hydroelectric Power Station dam. This huge and impressive installation was completed in 1968. The construction totally employed 20 thousand people at a time. It took 16 years to build it.

**Cultural program**

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The next place for stop is Ovsyanka village. This is where very famous and talented Russian writer Victor Astafiev lived and die in 2001. He sponsored building of an excellent small wooden church in his home-village. Nowadays his name is very important in Russian literature and culture. Visiting Ovsyanka is also a nice opportunity to see life of a Siberian village and traditional old houses.

Citizens of other countries must carry a valid passport and visa to enter Russia.

We will mail a personal letter of invitation to all foreign participants. This letter is required if you apply for the Russian visa at nearest Russian Embassy, Consulate or Office of Tourism. To hasten the process of preparing your official invitation letter you should send us:

1. Copy of your passport (scanned copy, pdf, jpeg, gif or other type of file)
2. Office address and phone numbers;
3. Home address and phone numbers;
4. The title of your permanent position;
5. Exact period of time you can stay in Russia;
6. Address of the nearest Russian Consulate where you will apply for the visa.

Please send the information by e-mail: [PSorokin@lan.krasu.ru](mailto:PSorokin@lan.krasu.ru) in PDF format.

We also need the passport copy of your accompanying person, if you have any.

For any visa problem, please, contact the Conference Secretariat.

**About the travel...**