
Deadline for sending extended abstracts is August 15, 2014!

(MS Word, New Times Roman 11pt; up 2 pages with Figures, Tables, Refs.; including all authors and addresses; for examples, see: <http://lrb.jinr.ru/conf/mssmbs12/BookOfAbstracts-MSSMBS2012.pdf>).

Dear colleagues,

Good day!

Herewith I kindly invite you to a regular workshop MSSMBS-2014 ("Molecular Simulation Studies in Material and Biological Sciences") to be held in the Institute of Bioorganic Chemistry, Russian Academy of Sciences, Moscow, Russia.

2nd Announcement of the MSSMBS-2014 (regular workshop)

"Molecular Simulation Studies in Material and Biological Sciences"
Inst. Bioorg. Chem., Russian Academy of Sciences, Moscow, Russia
September 21-22, 2014

Organizing committee:

Kholmirzo T. Kholmurodov (Co-Chairman, JINR, Dubna, Moscow region, Russia)
Roman G. Efremov (Co-Chairman, IBC, RAS, Moscow, Russia)
Anton O. Chugunov (Co-Chairman, IBC, RAS, Moscow, Russia)

The research topics to be covered at MSSMBS-2014 are as follow:

- *Computational methods and techniques
- *Molecular dynamics simulations
- *First-principles calculations
- *Novel MD methods (DFT, QM/MM, hybrid, etc.)
- *GPU accelerated molecular dynamics
- *Molecular dynamics simulations of protein folding
- *Mutation transition effects in protein structures
- *The MD and MC simulations of radiation-induced mutations
- *Chemical and nanostructure design (crystal, liquid and polymer systems)
- *General- & special-purpose MD machines
- *Modern communication architectures

A list of keynote speakers has confirmed as:

Prof. Yuko Okamoto (Nagoya University, Japan)
Dr. Satoshi Ohmura (Kyoto University, Japan)
Dr. Ilya Kovalenko (Moscow State University, Russia)
Prof. Kenji Yasuoka (Keio University, Japan)
Dr. George Rychkov (Petersburg Nuclear Physics Institute, Russia)
Prof. Tomoyuki Yamamoto (Waseda University, Japan)
Prof. Roman Efremov (Institute of Bioorganic Chemistry, RAS, Moscow)
Dr. Dmitry Shulga (Moscow State University, Russia)
Etc.

Registration Fee: \$100 (covers proceedings and local transportation). For the MS and PhD students the registration fee is a half discounted.

Please e-mail me your extended abstracts, indicating the workshop's name "**MSSMBS-2014**"!
(MS Word, New Times Roman 11pt; up 2 pages with Figures, Tables, Refs.; including all authors and addresses; for examples, see: <http://lrb.jinr.ru/conf/mssmbs12/BookOfAbstracts-MSSMBS2012.pdf>).
Regarding the VISA and HOTEL please e-mail to Roman Efremov <r-efremov@yandex.ru> (cc: Kholmirzo Kholmurodov <mirzo@jinr.ru>) your passport copies.

I am looking forward to welcome you in MSSMBS-2014, IBC, RAS, Moscow, September 21-22!

With best wishes, Mirzo.

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Yours sincerely,

Sci. Dr. Kholmirzo T. Kholmurodov

Organizing Chairman of the Japan-Russia International Workshop MSSMBS

"Molecular Simulation Studies in Material and Biological Sciences"

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