
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 new international workshop DSCMBS-2014 ("Dushanbe Symposium on Computational Materials and Biological Sciences"), to be held in Dushanbe, Tajikistan.

2nd Announcement of the DSCMBS-2014 (new workshop)

"Dushanbe Symposium on Computational Materials and Biological Sciences"
Academy of Sciences of the Republic of Tajikistan and S.U.Umarov Physical-Technical
Institute of the Academy of Sciences of the Republic of Tajikistan
September 23-28, 2014, Dushanbe, Tajikistan

Organizing committee:

Kholmirzo T. Kholmurodov (Co-Chairman, JINR, Dubna, Moscow region, Russia)
Farhod K. Rakhimov (Co-Chairman, Academy of Sciences of the Republic of Tajikistan)
Khikmat Kh. Muminov (Co-Chairman, S.U.Umarov Physical-Technical Institute of the Academy of
Sciences of the Republic of Tajikistan)

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

- *Computer molecular simulation methods and approaches
- *Molecular dynamics (MD) and Monte-Carlo (MC) techniques
- *Modeling of biological molecules (RNA, DNA, proteins, enzymes, mutation transitions, etc.)
- *Physical and biochemical systems (gasses, crystals, liquids, polymers, bio-tribology, etc.)
- *Material fabrication and design (ion doped structures, high pressure clathrates, carbon nanotubes, etc.)
- *Drug design in medicine (docking of one molecule to another, inhibitory activities of enzymes, etc.)
- *Computational and computing physics, chemistry, biology and medicine
- *GPU accelerated molecular dynamics & related techniques

A list of keynote speakers has confirmed as:

Prof. Yuko Okamoto (Nagoya University, Japan)
Prof. Misuhiro Matsumoto (Kyoto University, Japan)
Prof. Genri Norman (Joint Institute for High Temperatures, RAS)
Dr. Takao Yoda (Nagahama Institute of Bio-Science and Technology, Japan)
Prof. Konstantin Shaitan (Moscow State University, Russia)
Prof. Kenji Yasuoka (Keio University, Japan)
Prof. Vladimir Stegailov (Joint Institute for High Temperatures, RAS)
Dr. George Rychkov (Petersburg Nuclear Physics Institute, Russia)
Prof. Aram Shahinyan (NAS, Armenia)
Prof. Tomoyuki Yamamoto (Waseda University, Japan)
Prof. Roman Efremov (Institute of Bioorganic Chemistry, RAS, Moscow)
Dr. Dmitry Shulga (Moscow State University, Russia)
Prof. Catherine Etchebest (University Paris-Diderot, France)
Prof. Viktor Lakhno (Puschino Scientific Center, RAS, Puschino)
Prof. Dmitry Skladnev (Winogradsky Institute of Microbiology, RAS, Moscow)

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 "**DSCMBS-2014**"!
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Regarding the VISA and HOTEL please e-mail to Khikmat Muminov <khikmat@inbox.ru> (cc: Kholmirzo Kholmurodov <mirzo@jinr.ru>) your passport copies.

I am looking forward to welcome you in DSCMBS-2014, in Dushanbe, Tajikistan, September 23-28!

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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