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The deadlines
for Abstract submission: 1 July, 2002,
for Application forms: 1 July, 2002.

V International Congress on Mathematical Modelling V ICMM

Organizers:
Joint Institute for Nuclear Research, Dubna
Institute for Mathematical Modelling, RAS
Scientific Council on Mathematical Modelling of RAS

Second Announcement and Call for Papers

30 September - 6 October, 2002
Dubna, RUSSIA



On 30 September - 6 October, 2002, Dubna will host the V International Congress on Mathematical Modelling (V ICMM) organized by the Laboratory of Information Technologies of the Joint Institute for Nuclear Research (LIT/JINR), Dubna, Institute for Mathematical Modelling, RAS and the Scientific Council of Mathematical Modelling of the Russian Academy of Sciences headed by academician A.A.Samarsky.

The purpose of the congress is to discuss a wide spectrum of problems of mathematical modelling in techniques, physics, biology, chemistry, ecology, economics and sociology. Particular attention will be focussed on the actual problems of computer simulation with high-performance computing systems and software developments.

SCIENTIFIC PROGRAM

The program will include 30 min plenary lectures, 15 min talks and posters. The plenaries will be held in the LIT Conference Hall. The Congress will be organized on 12 topics:

1. **Mathematical modelling with high-performance computing systems**
2. **Mathematical models and software support in computational physics**
3. **Mathematical models of transfer and evolution in nonlinear and information-active systems**
4. **Mathematical modelling of processes in micro- and nanoelectronics**
5. **Mathematical modelling of the properties of composite materials**
6. **Mathematical modelling in the mechanics of deformed matter**
7. **Mathematical modelling of turbulent processes**
8. **Mathematical modelling of processes in transition and boundary layers**
9. **Mathematical models of nonlinear dynamics and synergetics**
10. **Mathematical and computer models of intellectual systems**
11. **Mathematical models in economics and sociology**
12. **Mathematical modelling of chemical, biomolecular and ecological systems.**

The Congress will be attended by prominent Russian scientists including 25 acting members and corresponding members of the Russian Academy of Sciences and leading scientists of the well-known world research institutes.

Depending on the number of the presented reports, short communications will be distributed on parallel sections. A preliminary program will be available later at the congress web-site.

Paper submission

V ICMM invites the submission of papers on the topics listed above. One-page abstracts of the presentations should be submitted in English by e-mail to: strizh@jinr.ru and formatted as LaTeX or Word document files. Patterns are available at the congress web-site: http://www.jinr.ru/~vicmm

Note: According to the rules of the JINR Publishing Department, all citizens of the Russian Federation should submit (either by FAX or by postal mail) the so-called "act of expertise".

Exhibition facilities

Mini-exhibition facilities will be available for those companies and organizations wishing to present their hard- and software products and services.

Proceedings of the V ICMM

After the Congress all the papers chosen by the V ICMM Program and Advisory Committees will be published in special issues of referred journals. All the contributors will be provided with the "Formatting Guidelines and Submission Instructions for Authors" immediately upon finishing the Congress.

Congress language

The official languages of the Congress will be English and Russian. Simultaneous translation of the plenary talks will be provided.

Registration Fee

The fee for the Congress is 400US$ for foreign participants and 200US$ for accompanying persons. This includes transportation from the "Sheremetyevo 2" International Airport to Dubna and back, single room accommodation in the hotel "Dubna", meals, a book of abstracts, a Congress program, refreshments, a welcome party, a Congress dinner and social activities. The fee for the CIS attendees is 400 roubles. The fee includes Congress printing materials, refreshments, a welcome party, a Congress dinner and social activities. The fee is supposed to be paid upon arrival in Dubna.

Congress Venue

The cite of Dubna is located in Moscow Region 130 km (80 miles) north from Moscow. It is connected with Moscow by a railroad and a federal highway. The railway communication is provided by suburban trains and more comfortable nonstop trains (it takes 2 hours to reach Dubna from Moscow from the Saviolovsky railway station). A time-table is available at http://www.dubna.ru. Buses Moscow-Dubna depart from the square of the Saviolovsky railway station in Moscow.

Arrival. Accommodation. Departure.

Arrival day is Sunday, **29 September, 2002**. The congress attendees will be accommodated in the hotel "Dubna" and other Dubna hotels. Departure day is Monday, **7 October, 2002**.

Registration

Registration of the congress attendees will be organized on Sunday, 29 September, in the hotel "Dubna" from 6.00 p.m. to 10.00 p.m. On other days - in the V ICMM Organizing Committee (the Conference Hall of LIT, JINR).

The Congress sessions are supposed to be held from 9.00 am to 1.00 pm and from 3.00 pm to 7.00 pm at the building of the Laboratory of Information Technologies.

The Congress preliminary program will be available on the Congress web-site.

VISA INFORMATION

To arrange visas participants are requested to advise the Secretary as soon as possible their and accompanying persons' full names, date of birth, a copy of passport (sent via fax (7 0921) 65599 or 7 (09621) 65891), passport number, passport validity, citizenship, arrival/departure dates, Fax number, E-mail address, exact city of the Russian Consulate or Embassy where a participant will apply for a visa, and itinerary inside Russia.

As soon as there is be a permission invitation number advised to a participant, he/she should apply to the Russian Consulate or Embassy for his/her entry visa for Russia.

Please note: those working outside their native countries should fax RESIDENCE PERMIT or the other identification document to the Secretary otherwise their documents on visas will not be accepted by the Department of Consular Service.

All the relevant correspondence should be sent to:

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