



**Computer Application in Scientific Researches IVTN.ru**  
<http://www.ivtn.ru>

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## **Computer applications in fundamental and applied Physics and Mathematics**

### **Online conference**

#### **The main topics and subjects of the conference:**

1. General problems and prospects of computer applications in science.
2. Computing and computing management (networks and parallel computation).
3. Computer simulation.
4. Visualization in scientific researches.
5. Data processing, databases and data analysis.
6. Intelligence systems and technologies (decision-making, expert system etc.)
7. Optimum procedures and design of experiments.

#### **We suppose to discuss computer applications in a wide range of scientific problems:**

- In fundamental physics (condensed matter physics, equilibrium systems, lasers and quantum optics, high energy physics and etc.)
- In applied physics (physical power engineering, optical systems and image processing, new materials, applied biophysics etc.)

#### **E-conference (rules and demands)**

1. The conference will be held on the website <http://www.ivtn.ru>.
2. E-conference (all the questions, answers, discussions, opinions exchange, voting) will be held **since April till October 2007**
3. All the thesis will be published in collected articles
4. The best reports will be awarded by prizes and diplomas
5. The Committee pays your attention, that using of computer applications as well as scientific achievements is one of the basic criterions for awarding

If you want to take part in the conference, you should sent e-mail to the Organizing committee before **March 31, 2007** including:

- Application form (<http://www.ivtn.ru/application.html>)
- Thesis, formalized according to proposed demands.

For more information about online conference and participating rules visit <http://www.ivtn.ru/rules.html>.

Yours faithfully,

Organizing Committee  
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