

**Общомосковский семинар
Научного Совета по ВМС РАН**

***"Новейшие достижения в области науки о
полимерах"***

Руководители семинара:

- академик В.А. Кабанов
- академик А.Р. Хохлов

**Web-site семинара
<http://polly.phys.msu.su/seminar/vms/>**

**Следующее заседание семинара состоится
29.03.02 в 11.00
в Конференц-зале ИНЭОС РАН**



НОВЫЕ ЖУРНАЛЫ

"e-polymers" 2001

In 2001, 25 papers have been published in e-Polymers: 22 Scientific papers, including a Short communication and a Review, as well as two contributions to the Education section and one to New trends.

All papers published in this journal are indexed by Chemical Abstracts Services and can be found, e.g., in the SciFinder.

The job market, i.e., offers and search, is presently free of charge.

The average time between submission and publication of a manuscript is six weeks!!

So far, one third of the manuscripts submitted as scientific papers has been rejected.

In 2001, more than 6000 downloads of scientific papers have been registered - and much more than 2000 hits/day in the last months.

With their security-key, authors now can read at "Submit a manuscript" how often their papers have been loaded down since January 1, 2002.

More papers have been published in between, and more innovations will be found on our website soon.

It is always worth while looking at
<http://www.e-polymers.org>



ШКОЛЫ

NANO AND GIGA CHALLENGES IN MICROELECTRONICS: RESEARCH OPPORTUNITIES IN RUSSIA

Symposium and Summer School
(Moscow, September 11-13, 2002)

This meeting will bring together scientists and engineers from academia, industry and national labs to discuss recent developments, and explore potential for collaboration in solving the most challenging scientific and engineering problems in microelectronics. Recognized leaders in the field are invited to present overview and current status of particular areas. These talks will be followed by papers discussing advanced topics and emerging areas of microelectronics such as:

- * atomic scale design: theory and experiment
- * highest frequency electronics
- * magnetic materials and spintronics
- * materials and processes for integrated optoelectronics
- * molecular electronics
- * new materials for gate and dielectrics in FETs
- * non-silicon materials and devices
- * quantum effects in devices
- * system design technologies

For further information about this exciting meeting, on line registration, and abstract submission please visit:

<http://WWW.AtomicScaleDesign.NET/moscow/>



ШКОЛЫ

INTERNATIONAL SUMMER SCHOOL DNA AND CHROMOSOMES: PHYSICAL AND BIOLOGICAL APPROACHES

August 12-24, 2002

Institut d'Etudes Scientifiques de CargXse, 20 130 CargXse, Corsica,
France

Information and online registration:

<http://www-dsv.cea.fr/docs/dsv/colloque/dna.htm>

The aim of the School is to provide a pedagogical, high-level tutorial on DNA and Chromosomes, in order to facilitate the communication between researchers of various disciplines (ranging from mathematics, computer science and physics to molecular and cell biology), and to foster the development of new collaborations. Lectures are planned for a multidisciplinary audience. Special sessions will be devoted to selected short presentations and posters from the participants. The course is primarily intended for predoctoral students and postdocs, but more experienced researchers can also apply.

Topics

- DNA structure, dynamics, polyelectrolyte properties, protein-DNA
- interactions, polymer physics applied to DNA and chromosomes, DNA
- topology and topoisomerases, single DNA molecule biophysics,
- molecular motors, DNA packing in viruses, bacterial nucleoid,
- chromatin structure and remodelling, higher order chromosome
- structure and condensation, mitosis, meiosis, DNA replication, repair
- and recombination, genome evolution, genomics, gene therapy

Important Deadlines:

Application deadline: March 30 2002

Announcement of the selected participants: April 15 2002

Payment of the registration fees: May 15 2002

Abstract submission: May 15 2002



ШКОЛЫ

LAB TRAINING COURSE

Genome-wide Approaches to Understanding Bacterial Pathogenesis

September 8-21, 2002

Institute of Microbiology, Czech Academy of Sciences, Prague.

organized for students by the U.S. National Academy of Sciences.

The application deadline is 1 June 2002.

The aim of the course is to introduce students to modern molecular tools and their application towards understanding the activities of infectious agents and host response. The course will cover a number of concepts and technologies that are relevant to analysis of host-pathogen interactions. General topics include genomic analysis of microorganisms, in vivo expression analysis, use of microarrays in transcriptional profiling of global responses in bacterial pathogens and human cells, proteomic approaches and biological mass spectrometry, invasive strategies of bacterial pathogens, protein trafficking by bacterial pathogens, mechanisms of action of bacterial toxins, and phage display and similar combinatorial methods. A selected group of experts from Europe and the United States will provide lectures and lead interactive discussions. The laboratory component of the course involves hands-on application of technologies that can be applied to a wide range of systems of host-pathogen interactions.

The course is designed for scientists in the early stage of their careers who have the PhD or equivalent (kandidat), good background in molecular biology and bacterial pathogenesis, and limited experience with genome-wide and proteomic approaches. Highly qualified senior level graduate students who have not yet completed the PhD may apply provided they have the required background.

For more detailed course information and application instructions, see

<http://www.nationalacademies.org/oia>

or contact Kelly Robbins (e-mail: krobbins@nas.edu).



МЕЖДУНАРОДНЫЕ КОНФЕРЕНЦИИ

“Molecular Modification and Blending of Synthetic and Natural Macromolecules for Preparing Multiphase Structural and Functional Materials: Principles, Methods and Properties”

S.Giuliano (Pisa) on 6-18 October, 2003.

General information and a list of speakers can be found at the web site www.NATO.INT/science.

Application must be submitted before the end of February 2002.

The International Conference on Polymer Synthesis

Warwick University, UK

29th July - 1 August, 2002.

Deadline for Oral and Poster Contributions:

3rd May, 2002

Further details: www.warwickpolymer.com/conference.html



МЕЖДУНАРОДНЫЕ КОНФЕРЕНЦИИ

**A.N. Frumkin Institute of Electrochemistry
of Russian Academy of Sciences**

International Conference
Spectroelectrochemistry of Conducting Polymers

October 20-23, 2002, Moscow.

tentative title of presentation can be sent before
February 12, 2002, via E-mail to: secp@elchem.ac.ru

**Fifth International Symposium on Functional π -Electron
Systems**

May 30 - June 4, 2002, Ulm/Neu-Ulm (Germany)

Deadline for Early Bird Registration is April 1, 2002

Deadline for the submission is March 1, 2002

Symposium Web Page: <http://www.uni-ulm.de/fpi5>



МЕЖДУНАРОДНЫЕ КОНФЕРЕНЦИИ

16th POLYMER NETWORKS GROUP MEETING

POLYMER NETWORKS 2002

Functional Networks and Gels

2-6 September 2002

Autrans (near Grenoble) France

Deadlines:

Registration Form/Fees	15 May
Camera-ready summaries of main lectures, oral communications, and registered poster communications	15 May
Cancellation of registration (if full refund is required)	1 July
Reservation and payment of accommodation	15 July
Camera-ready papers based on main and special lectures	2 September

Website : <http://www.lsp.ujf-grenoble.fr/netw2002>

Polyelectrolytes 2002

International symposium on Polyelectrolytes

June 15 - 19, 2002, in Lund, Sweden

Home page: <http://www.polyelectrolytes2002.fkem1.lu.se>

Important dates

February 1, 2002:	Deadline for abstracts and registration
February 1, 2002:	Deadline for hotel reservation



МЕЖДУНАРОДНЫЕ КОНФЕРЕНЦИИ

"Genomics, Proteomics and Bioinformatics for Medicine»

June 22-29, 2002

Will be held on a board of comfortable vessel, going along the Russian rivers and canals from Moscow to St. Petersburg.

Organised by Institute of Biomedical Chemistry of RAMS

More information about the Conference is available on the Conference web-site: <http://www.ibmh.msk.su/gpbm2002>

European Conference on Computational Biology 2002

In conjunction with the German Conference on Bioinformatics 2002

October 6-9 2002

Congress Centrum Saar Saarbruecken, Germany

Conference website: <http://www.ECCB2002.de>

MANUSCRIPT DEADLINES

Deadline for paper submission:	April 8th, 2002
Notification of acceptance/rejection:	May 25th, 2002
Deadline for final paper versions:	June 15th, 2002

Send your manuscript via e-mail to
ECCB2002@bioinf.uni-sb.de



МЕЖДУНАРОДНЫЕ КОНФЕРЕНЦИИ

2nd Workshop on Algorithms in BioInformatics ALGO 2002

September 16-21, Rome, Italy.

For general information on ALGO 2002 see
<http://www.dis.uniroma1.it/~algo02/>

Important Dates

Submission deadline	April 26, 2002
Notification to authors	June 7, 2002
Final version due	July 8, 2002
Symposium	September 16-21, 2002

PERSPECTIVES IN MATHEMATICAL PHYSICS

Rome, 4-7 September 2002

Updated information is available from the web site at
<http://www.mat.uniroma2.it/pmp2002>

People interested in participating are kindly requested to fill the form available at the web page of the meeting.

The deadline is: **15 May 2002.**



МЕЖДУНАРОДНЫЕ КОНФЕРЕНЦИИ

EUROPOLYMER CONFERENCE 2002 (EUPOC 2002)

Polymer Gels: Interesting Synthetic and Natural Soft Materials

Gargnano (BS), Italy, Palazzo Feltrinelli

2 - 7 June, 2002

Web site of the conference

<http://www.dcci.unipi.it/~bea/eupoc02>

DEADLINES

Proposal of oral or poster presentation (1 page abstract):	15 March 2002.
Registration (Form A and fees):	15 April 2002.
Hotel accommodation (Form B and deposit):	15 April 2002.

15th International Symposium on Polymer Analysis and Characterization

June 17-19, 2002,

University of Twente, Enschede, The Netherlands

For additional information and information regarding registration visit ISPAC's website

<http://www.chem.cmu.edu/ispac/>

Deadlines:

Abstract Submission:	31 March 2002
Hotel Reservations @ Symp. Rate:	15 April 2002
Advance Registration, with Payment:	15 April 2002
Manuscript Submission:	Oct 2002



МЕЖДУНАРОДНЫЕ КОНФЕРЕНЦИИ

3rd International Symposium on Slow Dynamics in Complex Systems

November 3 to 8, 2003, Sendai, Japan.

Symposium Web pages:

<http://www.ifs.tohoku.ac.jp/slow-dynamics/>

Deadline for abstract

May 31 (Sat), 2003

Deadline for registration

May 31 (Sat), 2003

76th Colloid and Surface Science Symposium

June 23-26, 2002

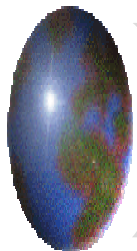
The University of Michigan, Ann Arbor

Website is now open for on-line submission of abstracts.

<http://fenske.che.psu.edu/acs-colloid>

The deadline for abstracts is

MARCH 1, 2002.



МЕЖДУНАРОДНЫЕ КОНФЕРЕНЦИИ

7th Granada Seminar focused on the Modelling of Complex Systems

Granada (Spain),
2-7 September 2002

Web site: <http://ergodic.ugr.es/cp/>

DEADLINE FOR ABSTRACTS: July 1st 2002.

"XIX Congress and General Assembly of the International Union of Crystallography»

Geneva, Switzerland, 6-15 August 2002

Web site: www.kenes.com/iucr

Deadline for Submission of Abstracts: March 1, 2002



МЕЖДУНАРОДНЫЕ КОНФЕРЕНЦИИ

Multilayered Polyelectrolyte-Based Materials: Synthesis, Characterization, and Applications

American Chemical Society Meeting,
Orlando, FL, April 7-11, 2002

web site: <http://www.chem.fsu.edu/multilayers/>



МЕЖДУНАРОДНЫЕ КОНФЕРЕНЦИИ

GORDON RESEARCH CONFERENCES

Web Site: www.grc.org

Complex Fluids

June 30 - July 5, 2002

Queen's College, Oxford, UK

**Oscillations & Dynamic Instabilities In Chemical
Systems**

July 28 - August 2, 2002

Queen's College, Oxford, UK

Macromolecular Organization & Cell Function

August 4-9, 2002

Queen's College, Oxford, UK

Green Chemistry

September 8-13, 2002

Queen's College, Oxford, UK



МЕЖДУНАРОДНЫЕ КОНФЕРЕНЦИИ

GORDON RESEARCH CONFERENCES

Web Site: www.grc.org

Genomics & Structural/Evolutionary Bioinformatics

July 28 - August 2, 2002

Mount Holyoke College, South Hadley, Massachusetts

Biom mineralization

August 11-16, 2002

Colby-Sawyer College, New London, New Hampshire

Water & Aqueous Solutions

August 4-9, 2002

Holderness School, Plymouth, New Hampshire

Nucleic Acids

June 2-7, 2002

Roger Williams University, Bristol, Rhode Island

Fuel Cells

July 28 - August 2, 2002

Roger Williams Univ, Bristol, Rhode Island



МЕЖДУНАРОДНЫЕ КОНФЕРЕНЦИИ

GORDON RESEARCH CONFERENCES

Web Site: www.grc.org

Biopolymers

June 16-21, 2002

Salve Regina University, Newport, Rhode Island

Polymer Physics

August 11-16, 2002

Salve Regina University, Newport, Rhode Island



МЕЖДУНАРОДНЫЕ КОНФЕРЕНЦИИ

The NATO Science Programme

Web Site: <http://www.nato.int/science>

Molecular Electronics: Bio-Sensor and Bio-Computer

24 June - 4 July, 2002, Pisa, Italy

Slow Relaxations and Nonequilibrium Dynamics in Condensed Matter

1 - 26 July, 2002, Les Houches, France

Synthesis, Functional Properties and Applications of Nanostructures

26 July - 4 August, 2002, Crete, Greece

Computer Simulations of Surfaces and Interfaces

8 - 18 September, Varna, Bulgaria

Scanning Probe Microscopy: Characterization, Nanofabrication and Device Application of Functional Materials

1 - 13 October, 2002, Algarve, Portugal



КОНФЕРЕНЦИИ

IX Региональные Каргинские чтения

(с международным участием)

Тверь, 28-30 марта, 2002

Шестая конференция им. В.В. Воеводского

"Физика и химия элементарных химических процессов"

21-25 июля 2002 года

Новосибирск, Россия

Web site: <http://www.kinetics.nsc.ru/voevod/>

Abstract submission deadline

May 15, 2002



КОНФЕРЕНЦИИ

Седьмая конференция студентов и аспирантов учебно-научного *Центра по химии и физике полимеров и тонких органических пленок*

г. Дубна с 1 по 3 апреля 2002 г.

Распечатанный экземпляр тезисов, а также его электронную версию в редакторе WORD необходимо сдать Махаевой Елене Евгеньевне (тел.939-2959, комн.2-71 физического факультета МГУ им.М.В.Ломоносова) до 15 марта 2002 г.

Совещание по Исследованиям на Реакторе ИБР-2

17-19 июня 2002, г. Дубна, Россия

Заявки на участие и аннотации докладов следует направлять по электронной почте ученому секретарю Оргкомитета В.В. Сиколенко: Vadim.Sikolenko@jinr.ru



WORKSHOPS

IPF workshop on "Theory and Experiment"

at 14./15.Nov, 2002

at Institute of Polymer Research in Dresden

The IPF has both teams working on theoretical and experimental aspects; particularly in the field of theory and modelling an intensified cooperation is sought with groups in Germany and abroad. The meeting shall be dedicated to mainly three areas:

- Polymer mechanics, rheology and adhesion
- Blends and copolymers
- Surfaces and interfaces of polymers

Web site:

<http://www.ipfdd.de/frameset.html?./lectures/conferences.html>



WORKSHOPS

2nd SAC Workshop on „Scientific and Technological Challenges in the 21st Century - The Contribution of ESS”

organized by the Scientific Advisory Committee (SAC) of the ESS in cooperation with the European Neutron Scattering Association (ENSA) and the European Science Foundation (ESF)

Dourdan/France

March 14 – March 16, 2002

web site: <http://www-llb.cea.fr/sac-dourdan/>