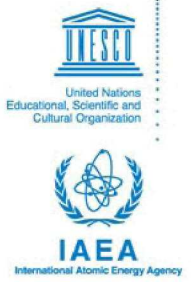




The Abdus Salam
International Centre for Theoretical Physics



The Abdus Salam International Centre for Theoretical Physics (ICTP), in collaboration with the MTA KFKI Research Institute for Particle and Nuclear Physics (RMKI), will hold the

Gribov-80 Memorial Workshop on Quantum Chromodynamics and Beyond

26 May - 28 May 2010

Miramare, Trieste, Italy

Vladimir Naumovich Gribov was one of the most outstanding theorists, a key figure in the creation of the modern elementary particle physics. His many discoveries are famous and well accepted by the physics community (Gribov-Regge theory of high energy hadron interactions, Gribov vacuum pole - Pomeron, Reggeon field theory, parton evolution equations, neutrino oscillations, Gribov copies in non-Abelian gauge field theories, etc.). Some of his ideas look unacceptable and strange at the first glance. Even at the second glance.

Nowadays, under the weight of new theoretical developments and experimental results, his ideas are receiving the recognition they deserve. The Gribov Memorial Workshop, organized in Budapest, Hungary in 2005 on the occasion of his 75th anniversary, clearly demonstrated the wealth and fertilization force of his ideas. Close colleagues, younger followers, world experts of the quark-hadron world have gathered together to display new angles of the Gribov heritage. And to remember the personality of a great man.

The Workshop will bring together experts in high energy QCD and cosmic ray physics in view of expanding the mutually beneficial interface between experiments planning to explore forward physics at LHC and highest energy cosmic ray experiments.

Topics to be discussed at the workshop will include:

1. Dynamics of interactions at small x
2. AGK rules in QCD
3. Proton-proton and proton-nucleus interactions at collider energies
4. Event generators for LHC
5. First results from LHC
6. Chiral symmetry in lattice QCD

PARTICIPATION

Scientists and students from all countries which are members of the United Nations, UNESCO or IAEA may attend the School. As it will be conducted in English, participants should have an adequate working knowledge of that language. Although the main purpose of the Centre is to help research workers from developing countries, through a programme of training activities within a framework of international cooperation, a limited number of students and post-doctoral scientists from developed countries are also welcome to attend.

As a rule, travel and subsistence expenses of the participants should be borne by the home institution. Every effort should be made by candidates to secure support for their fare (or at least half-fare). However, limited funds are available for some participants who are nationals of, and working in, a developing country, and who are not more than 45 years old. Such support is available only for those who attend the entire activity. There is no registration fee.

HOW TO APPLY FOR PARTICIPATION

The **application form** can be accessed at the activity website: <http://agenda.ictp.it/smr.php?2146>
Once in the website, comprehensive instructions will guide you step-by-step, on how to fill out and submit the application form.

ACTIVITY SECRETARIAT: Gribov-80 Memorial Workshop on Quantum Chromodynamics and Beyond (smr2146)
the Abdus Salam International Centre for Theoretical Physics, Strada Costiera 11, 34151 Trieste, Italy
Telephone: +39-040-2240-363 Telefax: +39-040-2240-7363 E-mail: smr2146@ictp.it
Activity website: <http://agenda.ictp.it/smr.php?2146> ICTP Home Page: <http://www.ictp.it/>

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DEADLINES

for requesting participation

15 March 2010

for requesting funds

1 February 2010