

Information on the Decisions of the March 2005 Session of the JINR Committee of Plenipotentiaries

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**98th session of the JINR Scientific Council
2 June 2005**

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Dear Members of the Scientific Council,
Honorary guests,
Colleagues,
Ladies and Gentlemen:

On the first slide you can see the title of my traditional report to the summer session of the JINR Scientific Council.

The main items of my presentation are the following:

- Information on the Decisions of the Committee of Plenipotentiaries.
- Latest News in Brief.

You have in your papers the JINR Annual Report, available in printed and electronic versions, as well as the latest issue of the “JINR News” journal where you can find information about the regular session of the Committee of Plenipotentiaries and the current activities of the Joint Institute. I believe you will have time to read all these documents. So, due to the time limit, I will report on the key issues of the meeting of the Committee of Plenipotentiaries and the latest events that took place after the previous session of the Scientific Council in January.

Now let me pass to my talk.

1 Meeting of the Committee of Plenipotentiaries

1.1 General Information

A meeting of the Committee of Plenipotentiaries (CP) of the Governments of the JINR Member States was held in Dubna on 17 - 18 March 2005. At this session the Plenipotentiary of the Russian Federation Andrey Fursenko, Minister of Education and Science, was elected Chairman of the Committee of Plenipotentiaries until the next session. On behalf of A. Fursenko, this session was chaired by Sergey Mazurenko, Deputy Minister.

The list of reports and discussion items at the meeting of the Committee of Plenipotentiaries was the following:

Committee of Plenipotentiaries

- Directorate's report
V. Kadyshevsky
- Finances: status and plans
V. Katrasev, A. Volodin
- On JINR's Innovation Activity
A. Ruzaev
- Election of the JINR Director
V. Matveev

1.2 Directorate's Report

The JINR Directorate's report was devoted to the Institute's activities during the period 1992-2004, to the implementation of the recommendations of the Scientific Council and of the decisions of the Committee of Plenipotentiaries in 2004 and to the plans for 2005.

The Committee of Plenipotentiaries approved the activity of the JINR Directorate during 1992–2004 aimed at the preservation and development of the Joint Institute for Nuclear Research as a world centre of fundamental and applied research and at the education of highly qualified personnel. The Committee noted the growing role of JINR in the international cooperation among scientists, and its most important contribution - along with the European Organization for Nuclear Research (CERN) - to bringing nations together in the area of the “peaceful atom” research.

The Committee of Plenipotentiaries approved the activity of the Institute Directorate on the implementation of the JINR Plan of Research and International Cooperation in 2004, on the realization of collaborative research programmes with the Member States, and on the involvement of new scientific partners to JINR. The CP acknowledged the achievements of the Institute's staff in the implementation of the scientific programme, in particular: work on the DRIBs project, modernization of the IBR-2 reactor, development of the Nuclotron, and construction of the ATLAS, CMS and ALICE detectors as well as the chemical identification of the element “dubnium” and the new results in the CP-violation studies obtained in the joint NA48 experiment at CERN. Also marked was the successful implementation of the JINR Educational Programme in close collaboration with Member States, which contributes to the education of young people inclined to creative labour and to an inflow of scientific personnel at JINR and its member-state institutions.

I am pleased to note that the JINR scientists are moving forward in implementing the scientific programme. For example, new events in the experiment on the synthesis of element 118 have been observed at the Flerov Laboratory of Nuclear Reactions. Tomorrow Academician Yu. Oganessian will report about these new results as well as about the prospects on the synthesis of superheavy elements.

I would like to emphasize that these experiments are implemented in collaboration with the JINR theoreticians. The theoretical studies are carried out more and more in close cooperation with experimental groups at JINR and participating laboratories. Our theoreticians are participating in frontier experiments aimed at studying the fundamental properties of matter in the context of the JINR long-term research programme. Tomorrow Professor S. Bilenky will report about the present status of the problem of neutrino mass and oscillations.

Let me also underline that the reports of Academician Yu. Oganessian and Professor S. Bilenky are dedicated to the World Year of Physics.

Several conferences and seminars of the Joint Institute are held within the framework of the World Year of Physics too. For example, the report of Academician V. Rubakov, given in the conference hall of the Bogoliubov Laboratory of Theoretical Physics, attracted a numerous audience. His report about the dark matter and dark energy in the Universe was presented at the JINR seminar which was held on 25 March, right on the eve of the birthday of the Joint Institute for Nuclear Research.

Let me finish here the comments concerning the current scientific activities and return to the main issues of my report on the decisions of the Committee of Plenipotentiaries.

The Committee of Plenipotentiaries approved the Plan of Research and International Cooperation for 2005 including the plan of operation of the JINR facilities. More information in detail about the operation of facilities and on construction of the IREN facility will be presented by G. Shirkov, Chief Engineer of JINR.

The Committee of Plenipotentiaries commissioned the JINR Directorate to give funding to the priority activities in 2005 as recommended at the 97th session of the JINR Scientific Council.

The Committee of Plenipotentiaries supported the Directorate's activity on the concentration of the financial and human resources on the most important directions of research, on the optimization of the Institute's staff employment, and on the recruitment of young scientists in accordance with the Regulation for the JINR Personnel and with the legislation of the Russian Federation.

Let me remind you that in the context of defining the main lines of research and scientific infrastructure, including the budget development for each field of activity, the Scientific Council suggested at the previous session to develop a strategic plan for the Institute, the so-called "road map" for the coming 10 years. After my report, Vice-Director Prof. A. Sissakian will present the first proposals of the Directorate concerning the strategic plan for the Institute's development.

The Committee of Plenipotentiaries was informed by the JINR Directorate that it is considering the reorganization of the Department of Radiation and Radiobiological Research into a Laboratory of Radiation Biology. This idea was supported. A detailed report concerning this reorganization will be presented by Professor E. Krasavin tomorrow.

1.3 Decisions Concerning the Financial Activity

The Committee of Plenipotentiaries considered and took a decision in connection with the JINR's financial activity. The JINR Assistant Director for Economic and Financial Issues, V. Katrasev, and the Head of the Financial Accounting Department in the Russian Agency for Science and Innovations, A. Volodin, who is the Chairman of the Finance Committee in 2005, presented information concerning the financial policy and the JINR budget.

The Committee of Plenipotentiaries took note of the information on the execution of the JINR budget in 2004 and approved the JINR budget for 2005.

The Committee of Plenipotentiaries resolved:

1. To take note of the information on the execution of the JINR budget in 2004:

expenditure: US\$ 34.3199 million,

income: US\$ 36.4546 million.

2. To approve the JINR budget for 2005 with expenditure of US\$ 37.776 million, the Member States' contributions for 2005, the estimate of the budget for 2006 in income and expenditure amounting to US\$ 37.8 million.

Let me draw your attention that income in 2004 was the largest during the last 14 years.

1.4 Decisions Concerning the Innovation Activity

The Committee of Plenipotentiaries was informed about the Institute's innovation activity. The report on this matter was presented by JINR Assistant Director for Innovative Development A. Ruzaev. The CP approved the Directorate's plans of the Institute's participation in the technopark "Dubna-Sistema" (including development of the JINR "innovation belt") as well as of the use of the mechanism of private and state partnership for creating a special economic zone in Dubna, in accordance with the legislation of the host country of JINR. The Directorate was requested

to inform the plenipotentiaries periodically on the status of work concerning the development of JINR's innovation activity.

1.5 Election

Based on the report of Academician V. Matveev, chairman of the committee for the election of the JINR Director, on the programme of the candidate for the position of the JINR Director, A. Sissakian, and after due discussion of the presented material, the CP resolved to approve the work carried out by the election committee, the procedure rules for the election of the JINR Director as well as the programme presented by the candidate for the Director position A. Sissakian.

The Committee of Plenipotentiaries unanimously elected Professor A. Sissakian as Director of JINR for a term of 5 years, in accordance with the Institute's Charter, and approved the procedure rules for inauguration of the newly elected Directorate.

Congratulating Professor A. Sissakian at this session of the Scientific Council, I would like to wish him successful leadership of the Institute.

The Committee of Plenipotentiaries considered and took a decision in connection with the honorary position of a scientific leader of JINR. The decision you see on the slide:

- The Committee of Plenipotentiaries thanked Academician V. Kadyshevsky for his successful work as Director of JINR.
- The Committee considered it expedient to establish for him the honorary position of a scientific leader of JINR.

2 Latest News in Brief

Concluding my report, I will inform you about the latest news.

2.1 Cooperation with the Hungarian Academy of Sciences

I would like to inform you that the Agreement between the Hungarian Academy of Sciences (HAS) and JINR has now been continued for an unlimited period of action. JINR Vice-Director, Professor A. Sissakian, and the General Secretary of HAS, Academician N. Kroo, signed the Agreement on 28 January 2005 in Budapest.

2.2 JINR - BMBF Cooperation

The 15th annual meeting of the Coordination Committee for the Implementation of the BMBF-JINR Agreement was held in Hamburg on 21-22 February 2005. The sittings of the Committee were co-chaired by its Chairmen Professor H.-F. Wagner (BMBF) and Professor A. Sissakian (JINR).

The JINR Directorate informed the Committee about the most important scientific results obtained at JINR in 2004. Both sides marked progress in the realization of joint projects.

It was suggested by BMBF to invest 960 thousand euros as the German contribution for supporting 21 common projects in 2005.

The German side informed about its basic readiness to prolong the BMBF-JINR Agreement. It is planned to sign the renewed agreement at the end of this year.

Let me emphasize that the JINR scientists are interested in developing the cooperation with German organizations including the Helmholtz Association, the DFG - German Research Foundation, and the DAAD - German Academic Exchange Service. I hope that the Round Table planned for this afternoon and dedicated to the cooperation between JINR and German research centres, universities, organizations and foundations in the field of science and education will promote this cooperation.

2.3 JINR - CERN Exhibition

Another important event that I would like to mention is the traditional JINR-CERN poster exhibition "Science Bringing Nations Together" recently organized in Greece.

Since 1997, when the first joint exhibition of this series was held at the University of Oslo (Norway), CERN and JINR have been organizing these exhibitions every year. It was shown also at UNESCO in 1998, at the UN Office in Geneva in 1999, in the European Parliament in Brussels in 2000, in the Russian State Duma in Moscow in 2001, in the Ministry of Education and Science in Budapest in 2002, at Yerevan University in Armenia and in the Diplomatic Academy in Moscow in 2003.

The latest joint exhibition was held at the Aristotle University of Thessaloniki in Greece in April 2005.

The Directorates of JINR and CERN believe that the organization of these exhibitions contributes to the popularization of the scientific achievements of the two international centres and hope to continue this joint effort in the future.

2.4 Cooperation with Greek Scientific Centres

Let me draw your attention that the JINR – CERN exhibition, presented in Greece, certainly reflected the enhancement of scientific links between researchers of Dubna and of Greek institutions.

JINR's main partners in Greece are the University of Athens, Aristotle University of Thessaloniki, and Demokritos National Centre for Scientific Research. Due to the broadening of the cooperation between JINR and Greek research centres in recent years, the JINR Directorate has come up with a number of proposals to give Greece the status of a JINR Associate Member. Prof. I. Antoniou from the Aristotle University of Thessaloniki (he is a member of the JINR Scientific Council) and Dr. N. Giokaris from the University of Athens (he is a member of the JINR Programme Advisory Committee for Particle Physics) permanently help us in this matter, and we hope for the positive solution of all problems.

The issue of an associate membership of Greece at JINR was discussed with Prof. I. Tsoukalas, General Secretary for Research and Technology of the Greek Ministry for Development, during the visit of Vice-Director A. Sissakian, Director of the Laboratory of Information Technologies V. Ivanov and me in April of this year.

Let me inform you that Prof. Tsoukalas will visit Dubna on 14 - 17 June 2005.

2.5 Cooperation with CERN

And finally, I inform you that a week ago, on 30 May, the so-called 5+5 meeting of Coordination Committee between CERN and Russia took place in Moscow. The JINR representatives are participated in the meeting as observers. It was marked that the JINR implements its obligations on ATLAS, CMS and ALICE detectors as well as LHC machine in full volume and in time.

2.6 Plans for Celebration of the 50th Anniversary of JINR

Next year the Joint Institute for Nuclear Research will celebrate its 50th birthday. The Committee of Plenipotentiaries accepted the proposed plan for the celebration of the 50th anniversary and approved the proposal to set up an organizing committee for the preparation of this celebration, headed by the Plenipotentiary of the Russian Federation, A. Fursenko.

Concluding my presentation, I would like to inform you that the official ceremony will be held on 26 March 2006, and to say that we would be happy to see you among the participants of this festive event.

So much for the information I wanted to present in my report.

Concluding my presentation, I would like to express a few words of acknowledgement.

This is the last session which I am chairing and at which I presented the Directorate's report. The next session will be chaired by the new Director, Professor Alexei Sissakian.

I would like to say that the chairing of Council sessions during the last 13 years of my directorship was for me both a responsibility, a privilege and a pleasure. Together with other members of the Directorate, we have tried to do our best to contribute to the constructive and friendly atmosphere at the sessions, to react promptly to your advice and recommendations, and to inform you each time about their implementation. I would like to thank you for the positive working mode, which plays an important role in furthering the international ties of JINR and in strengthening its scientific mission. I would also like to thank you for acting as "ambassadors" of JINR's case within the international scientific community, and to express my very best wishes to all of you.

Thank you very much for attention.