International conference in the memory of academician Alexander G. Granberg on the 80th anniversary of his birth

SPATIAL ANALYSIS
OF SOCIO-ECONOMIC SYSTEMS:
THE HISTORY
AND THE CURRENT STATE

October 10 –13

PROGRAM

Novosibirsk
2016
Dear Participant!

We are happy to greet you on the International Conference dedicated to 80th anniversary of Academician Alexander Granberg “Spatial analysis of socio-economic systems: history and current state” in the Institute of Economics and Industrial Engineering SB RAS (IEIE SB RAS).

We do hope the Conference will serve as a basis for future fruitful collaboration of scientists from different regions and countries.

Conference site

Should you have any problems, please do not hesitate to appeal to members of Organizational Committee.

Wish you all well!

Organizational Committee
Monday, October 10, 2016
Conference hall of the IEIE SB RAS

9:00       Registration

10:00      OPENING CEREMONY

10:30      PLENARY SESSION
            Moderator V.V. Kuleshov

Reports

1. Crisis space of the Russian economy.
   A. G. Aganbegyan
   Russian Academy of Sciences (RAS), Moscow, Russia

2. Restoring economic growth in Russia.
   V. V. Ivanter
   Institute of Economic Forecasting, RAS, Moscow, Russia

11:30–12:00 Coffee Break

3. Problems of spatial development of the Russian economy in the research of
   the Novosibirsk School of Regional Science.
   V. I. Suslov
   IEIE SB RAS, Novosibirsk, Russia

4. On the contribution of Alexander Granberg to the development of macroeconomic
   dynamics analysis models.
   S. B. Baizakov
   Economic Research Institute, Astana, Kazakhstan

   A.N. Pilyasov
   SOPS, Moscow, Russia

12:45–13:00 Opening Alexander G. Granberg Memorial Table

13:00–14:30 Lunch

14:30      CONTINUATION OF PLENARY SESSION
            Moderator V. I. Suslov

6. Aftermath of Stagnated Economy in Lost Two Decades and Great East Japan Earthquake.
   Toshiaki Hasegawa
   Chuo University, Tokyo, Japan
7. About the system of regional studies in Hungary.
   Ilona Pálné Kovács
   HAS Centre for Economic and Regional Studies, Pécs, Hungary

   Shlomo Veber
   NES, Moscow, Russia

9. Oil and gas of Siberia, the Republic of Sakha (Yakutia) and the Arctic in the national and global economy.
   A.E. Kontorovich, I.V. Filimonova, L.V. Eder
   Trofimuk Institute of Petroleum Geology and Geophysics SB RAS, IEIE SB RAS, Novosibirsk, Russia

16:00–16:30 Coffee Break

10. Evolution of approaches to the analysis of alternatives for resource-type regions development.
    V. A. Kryukov, A.E. Sevast'yanova, A.N. Tokarev, V.V. Shmat
    IEIE SB RAS, Novosibirsk, Russia

11. Cluster policy and spatial development of the regional economy.
    U.G. Lavrikova
    Institute of Economics, Ural Branch of the RAS, Ekaterinburg, Russia

12. Improving the assessment of socio-economic development of territories.
    R. N. Lepa
    Institute of Industrial Economics, National Ukrainian Academy of Sciences, Kiev, Ukraine

13. Problems of connectivity of the Eurasian space.
    S. S. Goncharenko
    Eurasian Transportation Innovation Centre. Moscow, Russia

    P. A. Minakir
    Economic Research Institute, Far Eastern Branch of the RAS, Khabarovsk, Russia

18:00–20:00 Welcome Party
Tuesday, October 11, 2016

PARALLEL SESSIONS

SESSION 1.

ROUND TABLE ON REGIONAL STRATEGIC PLANNING

9:30-11:30 Conference hall, IEIE SB RAS
Moderator V. E. Seliverstov

1. Theoretical and practical approaches to the development of long-term development strategy.
   A. A. Shirov
   Institute of Economic Forecasting, RAS, Moscow, Russia

2. Baikal region in Siberian strategic planning system.
   N. M. Sysoeva
   Irkutsk Scientific Center, SB RAS, Irkutsk, Russia

   Mihaly Lados
   Centre for Economic and Regional Studies, Hungarian Academy of Sciences Institute for Regional Studies, West Hungarian Research Department, Győr, Hungary

4. Fiscal capacity and local government tax revenue in regions at different level of development.
   Sona Čapková
   University of Matej Bel, Banská Bystrica, Slovak Republic

5. Social projects of international organizations: the experience of the implementation in regions.
   S.S. Guzner
   Siberian Transport University, Novosibirsk, Russia

6. The narrative of strategic planning in the context of economic space development.
   O.V. Tolstoguzov
   Institute of Economics, Karelian Research Centre, RAS, Petrozavodsk, Russia

7. Some aspects of the implementation of the Strategy of development of internal waterways of the Russian Federation in Siberia.
   S. N. Maslennikov, V. M. Bundeev
   Siberian State University of Water Transport, Novosibirsk, Russia

8. The innovative development of the Republic of Sakha (Yakutia).
   N. A. Stepanova
   Center for Strategic Studies of the Republic of Sakha (Yakutia), Yakutsk, Russia
9. Specific characteristics of the budgetary policy at the sub-federal level.
   T. V. Sumskaya
   IEIE SB RAS, Novosibirsk, Russia

10. Modern accents and continuity of tools for strategic planning resource megaprojects.
    N. I. Plyaskina, V. N. Kharitonova
    IEIE SB RAS, Novosibirsk, Russia

    N. A. Simchenko
    Crimean Federal University, Simferopol, Russia

    V. N. Kabanov
    Academy of Labor and Social Relations, Volgograd, Russia

13. Rationale for the strategic directions of machine - technological modernization of
    processes of cultivation of grain crops in Siberia.
    G. L. Utenkov, V.K. Kalichkin
    Siberian Federal Agricultural Science Center, RAS, Novosibirsk, Russia

    E. I. Piskun
    Sevastopol State University, Sevastopol, Russia

15. Small business in the system of measures for restoring regional economic growth.
    V. G. Basareva
    IEIE SB RAS, Novosibirsk, Russia

SESSION 2.

ROUND TABLE ON THE PROBLEMS OF ECOLOGY AND NATURE

9:30-11:30 Room 425, IEIE SB RAS
   Moderator B. N. Porfir’ev

1. Ecological Aspects of Russian Economic Development.
   T. O. Tagaeva, L. K. Kazantseva, A. A. Korzhubaeva
   IEIE SB RAS, Novosibirsk, Russia

2. Assessment of the ecological security of the Russian Federation territories on the basis
   of spatial analysis methods.
   V.V. Glinskij, L.K. Serga, K.A. Zaikov, M.S. Khvan
   Novosibirsk State University of Economics and Management, Novosibirsk, Russia

3. Analysis of the dynamics of environmental quality indicators of economic growth in the
   context of the development of Siberia and the Far East.
   I.A. Zabelina, E.A. Klevakina
   Institute of Natural Resources, Ecology and Cryology, SB RAS, Chita, Russia
   I. D. Rybkina
   Institute for Water and Environmental Problems, SB RAS, Barnaul, Russia

5. North-Crimean water management experiment: progress and conclusions.
   S. U. Tsohla, A. V. Murava-Sereda
   Crimean Federal University, Simferopol, Russia

6. Economic belt of the Silk Road on Russian East: how to avoid a conflict of economic and environmental interests?
   I.P. Glazyrina
   Institute of Natural Resources, Ecology and Cryology SB RAS, Transbaikal State University, Chita, Russia

7. Evaluation of the regional socio-environmental and economic well-being of the population of the Arctic zone of Krasnoyarsk krai.
   A. I. Pyzhev, E. A. Syrtsova, U. I. Pyzheva
   Siberian Federal University, Krasnoyarsk, Russia

8. The competition for access to oil and gas resources as a factor in technological development.
   V. U. Silkin
   IEIE SB RAS, Novosibirsk, Russia

9. Modeling the atmosphere protection system in a region.
   O.P. Burmatova
   IEIE SB RAS, Novosibirsk, Russia

10. Investigation of the effect of global climate change on the potential duration of the logging season.
    A. V. Chugunkova
    Siberian Federal University, Krasnoyarsk, Russia

11. Analysis of the socio-economic efficiency of forest management in Russia.
    K. A. Yakovleva
    Transbaikal State University, Chita, Russia

    R. V. Gordeev
    Siberian Federal University, Krasnoyarsk, Russia

13. Waste management based on the resource theory of the system economic organization.
    E. V. Dmitrieva
    Platov South-Russian State Polytechnic University (NPI), Novocherkassk, Russia

14. Economic growth and modernization of the economy – are the key factors to solve environmental problems of the Russian Federation.
    B. N. Porfir’ev
    Institute of Economic Forecasting, RAS, Moscow, Russia

11:30-12:00 Coffee Break
PLENARY SESSION

12:00-13:00  Conference hall of the IEIE SB RAS
             Moderator V. I. Suslov

1. Potentials and limitations of spatial development under new conditions.
   N. N. Mikheeva
   Institute of Economic Forecasting, RAS, Moscow, Russia

2. The spatial pattern of development of Bulgaria in the years before and after its EU membership.
   Stanka Tonkova
   University of National and World Economy, Sofia, Bulgaria

3. Interrelation of macroeconomic and spacial factors in the development of the national economy.
   A. N. Klepach
   Vnesheconombank, Moscow, Russia

13:00–14:30  Lunch

14:30–16:30 Tour to the Academpark

   Academpark is an integrated technology park with unique business and technological infrastructure
   providing ideal conditions for generation and development of innovative companies as well as success-
   full development of existing innovative productions; it is a place where research turns into in-
   dustrial technologies. Participants of our Conference have a chance to visit Shared Resource Center
   (SRC), Center of Information Technologies (CIT) and Technology Support Center (TSC)

17:00–19:00 Ceremony of Opening the Auditorium named after Alexander G. Granberg
             at the Novosibirsk State University

   Novosibirsk national Research State University (NSU) — is unique university that was created, de-
   veloped and continues to function in the close relationship with Siberian Branch of Russian Academy
   of Sciences, that provides for effective integration of education and research.
   The University mission lies in training well-educated people ready to apply their knowledge in sci-
   ence, education, knowledge-intensive production, and business based on fundamental education.
   In 2015 the new building of the NSU was put into operation. Now Economic Faculty is located in it.
PARALLEL SESSIONS

SESSION 3.
THEORY AND METHODOLOGY OF SPATIAL AND REGIONAL ECONOMY

9:30-13:00  Room 466, IEIE SB RAS
Moderator N. N. Mikheeva

1. Problems of conceptual improvement of methods for analysis of spatial and regional socio-economic systems.
   L. A. Ivanov
   Reliable High Technologies, Ltd., Astana, Kazakhstan

2. The concept of innovational development and methodology of space: in the continuation of the ideas of Alexander G. Granberg.
   N. A. Shapiro
   ITMO University, St. Petersburg, Russia

3. Spatial economics at the University.
   L. V. Mel’nikova
   IEIE SB RAS, Novosibirsk, Russia

4. Spatial and temporal variations of temperatures and their impact on the economy and energy.
   V.L. Zorkaltsev
   Melentiev Energy Systems Institute, SB RAS, Irkutsk, Russia

5. New areas of research on spatial and regional economy (based on EconLit).
   M. V. Lychagin
   NSU, IEIE SB RAS, Novosibirsk, Russia

11:00-11:30  Coffee Break

11:30  CONTINUATION OF SESSION 3
Moderator L. A. Ivanov

6. Methodological approaches to assessing the impact of inequality and asymmetry of socio-economic development of territories on the economic security of the resource regions of Siberia.
   E. B. Bukharova
   Siberian Federal University, Krasnoyarsk, Russia

7. The development of the urban system of Russia: resources and results.
   E. A. Kolomak
   IEIE SB RAS, Novosibirsk, Russia
   E.V. Mikhailova
   Volgograd State Agricultural University, Volgograd, Russia

9. The study of spatial factors of interregional inequality in Russia.
   V. Y. Maslikhina
   Volga State University of Technology, Yoshkar-Ola, Russia

    K. P. Glushchenko
    NSU, IEIE SB RAS, Novosibirsk, Russia

SESSION 4.
ECONOMIC AND MATHEMATICAL MODELING OF INTERREGIONAL AND INTER-SECTORAL RELATIONS

9:30-13:00 Conference hall, IEIE SB RAS
Moderator N. I. Suslov

1. Painful Birth of Trade under Monopolistic Competition.
   Igor Bykadorov, Andrea Ellero, Stefania Funari, Sergey Kokovin, Pavel Molchanov
   Sobolev Institute of Mathematics SB RAS, the Novosibirsk State University, The Novosibirsk State University of Economics and Management, University Ca’ Foscari, National Research University Higher School of Economics
   Novosibirsk, Moscow, Russia,
   Venice, Italy

2. The Stackelberg model and the formation of the PPP mechanism in the mineral complex of Russia.
   S.M. Lavlinskij
   Sobolev Institute of Mathematics, SB RAS, Novosibirsk, Russia

3. New potentials of interregional models to predict the financial flows of the territorial economies.
   B. V. Melent’ev
   IEIE SB RAS, Novosibirsk, Russia

4. Sector in the SONAR project (on the example of the timber complex).
   Yu. Sh. Blam, L. V. Mashkina, A. S. Stoilova
   IEIE SB RAS, Novosibirsk, Russia

5. Assessment of the effects of price and demand shocks on the formation of electricity costs.
   O. V. Dyomina
   Economic Research Institute, the Far Eastern Branch of the RAS, Khabarovsk, Russia

11:00-11:30 Coffee Break
   V. M. Gilmundinov
   IEIE SB RAS, Novosibirsk, Russia

7. On equilibrium in multiregional systems with unlimited technological arrays.
   V. A. Vasil’ev
   Sobolev Institute of Mathematics SB RAS, Novosibirsk, Russia

8. Economic and mathematical modeling and forecasting of the development of the regional economy on the basis of input-output table and investments.
   Yu. K. Mashunin
   Far Eastern Federal University (FEFU), Vladivostok, Russia

9. Modeling the market power of generating companies in the wholesale electricity market of the Russian Federation (Siberia).
   N. I. Aizenberg
   Melentiev Energy Systems Institute, SB RAS, Irkutsk, Russia

    G. D. Kovalyova, A. V. Shevlyov
    IEIE SB RAS, Novosibirsk, Russia

SESSION 5.
ECONOMIC AND MATHEMATICAL MODELING OF INTERREGIONAL AND INTERSECTORAL RELATIONS

14:30-18:00  Conference hall, IEIE SB RAS
Moderator Yu. Sh. Blam

1. Modeling the government role in the spatial agent-based model.
   V. I. Suslov, T. S. Novikova, A. A. Tsyplakov
   NSU, IEIE SB RAS, Novosibirsk, Russia

2. Problems of modeling the knowledge spillover and its impact on the economic growth.
   G. A. Untura
   IEIE SB RAS, Novosibirsk, Russia

3. Problems of modeling regional innovation systems.
   IEIE SB RAS, Novosibirsk, Russia
4. The innovative potential of industrial enterprises: spatial boundaries of development opportunities.
   S. V. Kochetkov
   State University of Aerospace Instrumentation, Saint Petersburg, Russia

5. About one problem of the discrete approximation of continuous measures.
   Some applications.
   E. O. Rapoport
   Sobolev Institute of Mathematics SB RAS, NSU, Novosibirsk, Russia

6. Problems and reserves of the increase of the efficiency of the tax distribution between the levels of the budget system.
   M. A. Pechenskaya
   Institute of Socio-Economic Development of Territories, RAS, Vologda, Russia

16:00-16:30 Coffee Break

16:30 CONTINUATION OF SESSION 5
Moderator V. M. Gil’mundinov

7. System evaluation of the efficiency of the territorial industrial cluster.
   G. M. Mkrtchan, Y. A. Fridman, V. A. Bazhanov, G. N. Rechko, D. V. Kritskii
   NSU, IEIE SB RAS, Novosibirsk, Kemerovo, Russia

8. Evaluation of the public efficiency of the regional infrastructural enterprises (on the example of the ESPO-2 pipeline).
   T. S. Novikova, N. M. Ibragimov, O. I. Gulakova
   IEIE SB RAS, Novosibirsk, Russia

   N. I. Suslov, V. F. Buzulutskov
   IEIE SB RAS, Novosibirsk, Russia

10. Genesis of the project SIRENA: from concept to the technology of multi-level forecasts.
    S. A. Suspitsyn
    IEIE SB RAS, Novosibirsk, Russia

    A. O. Baranov, Y. M. Slepenkova
    IEIE SB RAS, Novosibirsk, Russia

12. Methods of balance-optimization modeling at the municipal level simulation.
    E. A. Gaiduk
    IEIE SB RAS, Novosibirsk, Russia

18:00–21:00 Hala Party
Thursday, October 13, 2016

SESSION 6.
RUSSIA IN THE WORLD ECONOMY: SIBERIA, THE FAR EAST AND ARCTIC REGIONS IN THE RUSSIAN AND GLOBAL ECONOMIES

9:30-13:00 Conference hall, IEIE SB RAS
Moderator V. E. Seliverstov

1. Russia's place in global trends of labour productivity and consumption: empirical observations.
   B. L. Lavrovskii
   IEIE SB RAS, Novosibirsk, Russia

2. Trade in Value-Added in Asia and Russia.
   Toshiaki Hasegawa
   Chuo University, Tokyo, Japan

3. Siberia in the Russian economy and the problems of the eastern vector of its foreign trade relations.
   L. A. Bezrukov
   V.B. Sochava Institute of Geography SB RAS, Irkutsk, Russia

4. Russia-China cooperation and structural changes in the economic belt of the Silk Road.
   I. A. Zabelina, E. A. Klevakina
   Institute of Natural Resources, Ecology and Cryology, SB RAS, Chita, Russia

5. On the development of mineral resources of circumpolar and north-eastern regions of Yakutia.
   V. L. Gavrilov
   Institute of Mining of the North SB RAS, Yakutsk, Russia

6. Transport connectivity of Arctic and Subarctic areas of the European part of Russia.
   N. G. Kolesnikov
   Institute of Economics of Karelian Research Centre, RAS, Petrozavodsk, Russia

11:00-11:30 Coffee Break

11:30 CONTINUATION OF SESSION 6
Moderator V. A. Kryukov

7. "Resource" regions of Russia: features and conditions of their socio-economic development.
   S. V. Belousova
   Irkutsk Scientific Center, SB RAS, Irkutsk, Russia
8. Russian North in the context of global development: theoretical and applied aspects (on example of Yakutia).
   Claude Berthomieu, Jean-Paul Guichard, A. Kugaevski, M. Mordinova
   University Nice Sophia Antipolis, Nice, France
   North-Eastern Federal University, Yakutsk, Russia

   T. N. Gavril’eva
   North-Eastern Federal University, Yakutsk, Russia

10. Modern approaches to the organization of the motivational system for the activation of labor relations in the Republic of Crimea.
    I. G. Pavlenko
    Crimea Federal University, Simferopol, Russia

11. Significance of measurement and analyses of unpaid work in socio-economic development.
    Mária Uramova
    University of Matej Bel, Banská Bystrica, Slovak Republic

    E. V. Gudkova
    Economic Research Institute, the Far Eastern Branch of the RAS, Khabarovsk, Russia

    A.N. Beshentseva, D.A. Darbalaeva
    Baikal Institute of Natural Management SB RAS, Ulan-Ude, Russia

13:00–14:30 Lunch
14:30–15:00 CEREMONY OF CLOSING THE CONFERENCE

15:00–18:30 Guided tours in Academic Town (on choice)

Museum of Railroad Rolling Stock
   Phone: +7 (383) 337–96–22
   Address: Razyezdnaya str., 54/1

Museum of History and Culture of the People of Siberia and Far East
   Phone: +7 (383) 330-34-18
   Address: Zolotodolinskaya str., 4

Museum of Science and Techniques of Siberian Branch of Russian Academy of Sciences
   Phone: +7 (383) 330-07-53
   Address: Detskii proyezd, 15
Central Siberian Geology Museum
Phone: +7 (383) 333-28-37
Address: Acad. Koptyuga., 3

Integrated Museum-Apartment of Academic Town
Phone: +7 913 912 53 62
Address: Pravy str., 4

For notes