



PROGRAMME

6th All-Russian Scientific Conference with International Participation Geological processes in the lithospheric plates subduction, collision, and slide environments

Conference venue: Vladivostok, FEGI FEB RAS

September 19, Tuesday

09:00 – 10:00 REGISTRATION OF PARTICIPANTS

2nd floor hallway

10:00 – 10:30 OPENING OF THE CONFERENCE

Conference hall, 2nd floor

Welcome address:

A.I. Khanchuk, Academician of RAS

N.A. Goryachev, Academician of RAS

A.N. Didenko, corresponding member of RAS

Eu.V. Sklyarov, corresponding member of RAS

Sh. Dai, Prof., University of Mining & Technology, China

N.N. Kruk, corresponding member of RAS

PLENARY SESSION

10:30 – 12:10

Conference hall, 2nd floor

Co-chairs:

A.I. Khanchuk, Academician of RAS

Eu.V. Sklyarov, corresponding member of RAS

10:30 – 10:50 **N.A. Goryachev** 25 years of orogenic gold deposits: a few results. *N.A. Shilo North-East Interdisciplinary Scientific Research Institute FEB RAS, Magadan; Vinogradov Institute of Geochemistry SB RAS, Irkutsk*

10:50 – 11:10 **E.V. Sklyarov, S.A. Kargopolov, A.V. Lavrenchuk, E.V. Pushkarev, D.V. Semenova.** Geology, petrology and mineralogy of beerbachite of the Early Paleozoic Olkhon collisional orogen (West Baikal area, Russia). *Institute of the Earth crust SB RAS, Irkutsk*

11:10 – 11:30 *Coffee break*

11:30 – 11:50 **N.N. Kruk, S.V. Khromykh, P.D. Kotler, S.Z. Smirnov.** Mechanisms of formation of leucogranite magmas in intrusive series of Altai and East Kazakhstan. *V.S. Sobolev Institute of Geology and Mineralogy SB RAS, Novosibirsk*

11:50 – 12:10 **A.N. Didenko.** Kinematic characteristics convergence zone of the continental Bureya-Sikhote-Alin margin and oceanic Izanagi plate in the Jurassic-Cretaceous. *Geological Institute RAS, Moscow; Yu.A. Kosygin Institute of tectonics and geophysics FEB RAS, Khabarovsk*

12:10 – 12:30 **Group photo**

12:30– 13:30 *Lunch break*

PLENARY SESSION

13:30 – 16:05

Conference hall, 2nd floor

Co-chairs:

A.N. Didenko, corresponding member of RAS

V.V. Golozubov, D.Sc. in Geology and Mineralogy

13:30 – 13:50 **A.B. Perepelov, M.Yu. Puzankov, A.V. Ivanov, Yu.D. Shcherbakov, P.Yu Plechov, S.S. Tsyukova, A.P. Zhgilev.** Potassium alkaline magmatism in Western Kamchatka — history and research results. *Vinogradov Institute of Geochemistry SB RAS, Irkutsk*

13:50–14:10 **V.N. Reutsky, Y.M. Borzdov, Y.N. Palyanov.** Modeling of carbon isotope distribution at crust-mantle interaction. *V.S. Sobolev Institute of geology and mineralogy SB RAS, Novosibirsk*

14:10 – 14:30 **A.A. Tsygankov, G.N. Burmakina, A.V. Trofimov.** Magma sources of Late Paleozoic and Early Mesozoic granitoids of Western Transbaikalia: Sm-Nd isotopic and geological constraints. *Dobretsov Geological institute SB RAS, Ulan-Ude*

- 14:30 – 14:50 **A.I. Kozhurin.** Continent-ocean transition zone: general motion and particular geodynamic situations. *Institute of Volcanology and Seismology FEB RAS, Petropavlovsk-Kamchatskiy; Geological Institute RAS, Moscow*
- 14:50 – 15:05 *Coffee break*
- 15:05 – 15:25 **A.V. Grebennikov, S.A. Kasatkin, D.G. Fedoseev.** Paleocene magmatism in southern Sikhote-Alin: isotopic and geochemical characteristics and geodynamic reconstructions. *Far East Geological Institute FEB RAS, Vladivostok*
- 15:25 – 15:45 **Sh.K. Baltybaev, O.P. Polyansky, E.S. Vivdich, M.E. Petrakova.** Tectonic and metamorphic evolution of the junction area between the Svecofennian mobile belt and the Karelian craton in the southeastern Fennoscandia: petrological data and numerical modeling. *Institute of Precambrian Geology and Geochronology RAS, St.Petersburg; Saint-Petersburg State University, St. Petersburg, Russia*
- 15:45 – 16:05 **Safonova I.Y., Perfilova A.A.** Greywacke sandstones as archives of arc magmatism and arc erosion: implication from several case studies in the western CAO. *South-West Jiaotong University, FGEE, Chengdu, Sichuan, China*
- 16:05 – 17:30 *Those who wish can visit the Geological and Mineralogical Museum of FEGI FEB RAS, located in the left wing on the 2nd floor of this building.*

September 19, Tuesday

Official buffet

17:30 – 19:00

Conference hall, 2nd floor

September 20, Wednesday

SESSION: «Geological structure, stratigraphy and lithology of subduction, collision and slip zones of lithospheric plates and dynamics of their interaction»

08:30 – 13:00

Conference hall, 2nd floor

Co-chairs:

A.B. Perepelov, D.Sc. in Geology and Mineralogy

S.A. Kasatkin, Cand. Sc. in Geology and Mineralogy

- 08:30 – 08:45 **A.V. Kudymov, A.Yu. Peskov, A.N. Didenko.** Tectonic nature and paleogeographic aspects of the Cretaceous sedimentation in the western Sikhote-Alin and Lower Priamurye. *Kosygin Institute of Tectonics and Geophysics FEB RAS, Khabarovsk*
- 08:45 – 09:00 **I.M. Derbeko.** Geodynamic Evolution Model of the Bureya-Jiamusin Superterrane. *Institute of Geology and Nature Management FEB RAS, Blagoveshchensk*

- 09:00 – 09:15 **A.S. Prytkov, N.F. Vasilenko.** Source model of the 1995 Neftegorsk interplate earthquake Mw=7.0 based on geodetic data. *Institute of Marine Geology and Geophysics FEB RAS, Yuzhno-Sakhalinsk*
- 09:15 – 09:30 **A.K. Bronnikov.** Display of large faults of the South Primorie in geophysical fields. *Institute of tectonics and geophysics FEB RAS, Khabarovsk*
- 09:30 – 09:45 **Z.L. Motova, D.P. Gladkochub, T.V. Donskaya.** The age and features of formation of the Precambrian terrigenous rocks of the base of the Moty Group of the Sayan regional horizon (Irkutsk zone of the Sayan area). *Institute of the Earth's Crust SB RAS, Irkutsk*
- 09:45 – 10:00 **A.I. Malinovsky, E.B. Voly nec.** Source areas and geodynamic settings of the formation of Paleozoic and Lower Mesozoic deposits in South-Western Primorye. *Far East Geological Institute FEB RAS, Vladivostok*
- 10:00 – 10:15 **M.V. Arkhipov, A.N. Didenko, Yu.V. Taltykin, E.A. Konovalova.** Petropaleomagnetic characteristics of gabbro diorites of the lower amur complex of the Zhuravlevka-Amur terrane (Sikhote-Alin orogenic belt). *Kosygin Institute of Tectonics and Geophysics FEB RAS, Khabarovsk*
- 10:15 – 10:30 **A.Yu. Peskov, I.P. Voinova, A.N. Didenko, S.V. Zyabrev, A.V. Kudymov, A.S. Karetnikov, M.V. Arkhipov.** Paleomagnetism of Volcanic Rocks of the Nilan Terrane (junction zone between the Mongol-Okhotsk and Sikhote-Alin orogens). *Kosygin Institute of Tectonics and Geophysics FEB RAS, Khabarovsk*
- 10:30 – 10:45 *Coffee break*
- 10:45 – 11:00 **S.V. Zyabrev.** Central Sikhote-Alin Fault: amplitude and timing of sinistral displacements. *Institute of Tectonics and Geophysics FEB RAS, Khabarovsk*
- 11:00 – 11:15 **N.S. Nesterova, A.I. Slabunov, A.V. Kervinen, O.A. Maksimov.** Age and features of the formation of the Mesoproterozoic BIF of the Kostomuksha greenstone belt, Karelian Craton, Fennoscandian Shield. *Institute of Geology of the Karelian Research Centre RAS, Petrozavodsk*
- 11:15 – 11:30 **Y.D. Zakharov, A.B. Kuznetsov, V.D. Khudik, A.A. Gavrilova, O.P. Smyshlyaeva, A.P. Kiri yenko.** To the problem of the completion time of the opening of the Kuril and Japan Seas of the Western Pacific (Sr-, O- and C-isotope data of Miocene molluscs of Eastern and Western Sakhalin and Hokkaido). *Far East Geological Institute FEB RAS, Vladivostok*
- 11:30 – 11:45 **A.V. Kiryukhin, A.Y. Polyakov, M.V. Lemzikov.** Regional Seismogenic Faults in Kamchatka and the Mutnovsky Volcano Magmatic System. *Institute of Volcanology and Seismology FEB RAS, Petropavlovsk-Kamchatsky*
- 11:45 – 12:00 **V.A. Fomin, A.V. Strunov, A.G. Vahromeev.** Features of the geological structure of the oil and gas potential of the Precambrian sedimentary strata of the eastern part of the Baikit anticline. *Institute of the Earth's Crust SB RAS, Irkutsk*
- 12:00 – 12:15 **V.S. Pushkar.** High-resolution Pleistocene diatom biostratigraphy of Golovnin Formation of Kunashiri Island (Kuriles) and correlations with 11-9 Marine Isotopic Stages. *Far East Geological Institute FEB RAS, Vladivostok*

- 12:15 – 12:30 **Krutikova A.K., Safonova I.Y., Perfilova A.A., Obut O.T.** Reconstructing magmatic protoliths and sedimentary basins of greywacke sandstones: a case study from the Zasur'ya accretionary complex in the NW Altai. *Novosibirsk State University, Novosibirsk; Sobolev Institute of Geology and Mineralogy SB RAS, Novosibirsk*
- 12:30 – 12:45 **Ruiqing Li, Yuegang Tang, Suning Liu, Qili Che, Peng Luo, Cong Chen, Liping Xue, Xiaoting Xu** Effect of organic sulfur in coal on graphitization of coal. *College of Geoscience and Survey Engineering, China University of Mining and Technology (Beijing), China*
- 12:45 – 13:00 **P.L. Nevolin, A.N. Mitrokhin, V.P. Utkin.** Geophysical verification of the Riphean-Phanerozoic plicative-disjunctive regime in Primorye, a large fragment of East Asia. *Far East Geological Institute FEB RAS, Vladivostok, Russia*
- 13:00 – 14:00 *Lunch break*

September 20, Wednesday

SESSION: «Magmatism and metamorphism in subduction, collision and slip of lithospheric plates»

14:00 – 18:00

Conference hall, 2nd floor

Co-chairs:

A.A. Tsygankov, D.Sc. in Geology and Mineralogy

A.V. Grebennikov, Cand. Sc. in Geology and Mineralogy

- 14:00 – 14:15 **G.N. Burmakina, A.A. Tsygankov, N.D. Guslyakov.** Peculiarities of mantle-crustal interaction in granitoids formed in different geodynamic settings. *Dobretsov Geological Institute SB RAS, Ulan-Ude*
- 14:15 – 14:30 **N.I. Baykov, I.F. Chayka, A.V. Kutyrev, V.S. Kamenetsky, V.D. Shcherbakov, M.E. Zelenski.** Inclusions in olivine and chromite from ultramafic rocks of the Tumrok Range (Eastern Kamchatka). *Institute of Experimental Mineralogy RASChernogolovka; Geological Department, Moscow State University, Moscow*
- 14:30 – 14:45 **A.A. Korneeva, V.S. Kamenetsky, N.A. Nekrylov, D. P. Savelyev.** Crystallization conditions of picritic rocks from Kamchatsky Mys (Kamchatka, Russia). *Institute of Experimental Mineralogy RAS, Moscow*
- 14:45 – 15:00 **V.S. Sekisova, S.Z. Smirnov, D.V. Kuzmin, A.Ya. Shevko, M.P. Gora.** Olivine phenocrysts from magnesian basalts and basaltic andesites of the Kharchinsky volcano (the Central Kamchatka depression). *V.S. Sobolev Institute of Geology and Mineralogy SB RAS, Novosibirsk*
- 15:00 – 15:15 **M.E. Zelenski, V.S. Kamenetsky, N.A. Nekrylov, I.F. Chaika, A.A. Korneeva.** Sulfide-sulfate metasomatism in the mantle wedge rocks. *Institute of Experimental Mineralogy RAS, Chernogolovka*
- 15:15 – 15:30 **I.S. Peretyazhko, E.A. Savina, I.A. Pulyaeva.** Miocene petit-spot volcanism of Alba Guyot (Magellan Seaamountains, Pacific Ocean). *A.P. Vinogradov Institute of Geochemistry SB RAS, Irkutsk*

- 15:30 – 15:45 **I.R. Prokopyev, A.G. Doroshkevich.** Peculiarities of formation and ore content of alkali-carbonatite complexes of folded belts (CAOB, Taimyr): mineralogy and inclusions in minerals. *V.S. Sobolev Institute of Geology and Mineralogy SB RAS, Novosibirsk*
- 15:45 – 16:00 *Coffee break*
- 16:00 – 16:15 **I.P. Voinova, A.N. Didenko, S.V. Zyabrev, A.Yu. Peskov, A.V. Kudymov.** Petrogeochemistry and geodynamic conditions for the formation of volcanic rocks of the Nilan terrane. *Kosygin Institute of Tectonics and Geophysics FEB RAS, Khabarovsk*
- 16:15 – 16:30 **A.E. Starikova, I.R. Prokopyev, A.V. Kargin, A.A. Nosova.** Phosphate-silicate melt inclusions in high-Fe olivine macrocrysts from ultramaphic lamprophyres of the Victoria pipe, Anabar district, Yakutia. *V.S. Sobolev Institute of Geology and Mineralogy SB RAS, Novosibirsk*
- 16:30 – 16:45 **A.G. Doroshkevich, A.V. Maluytina, I.A. Izbrodin, I.R. Prokopyev, M.N. Kruk, A.E. Starikova, T.A. Radomskaya, M.O. Rampilov.** Petrogenesis of the Burpala rare metal alkaline complex, North Cisbaikalia. *Novosibirsk State University, Novosibirsk; Sobolev Institute of geology and mineralogy SB RAS, Novosibirsk; Dobretsov Geological Institute SB RAS, Ulan-Ude*
- 16:45 – 17:00 **I.A. Izbrodin, A.G. Doroshkevich, A.V. Malyutina, D.V. Semenova, T.A. Radomskaya, M.N. Kruk, I.R. Prokopyev, A.E. Starikova, M.O. Rampilov.** U-Pb geochronology of the Burpala alkaline intrusion (Northern Baikal region). *V.S. Sobolev Institute of Geology and Mineralogy SB RAS, Novosibirsk; Novosibirsk State University, Novosibirsk*
- 17:00 – 17:15 **I.S. Peretyazhko, E.A. Savina, V.E. Glushkova.** Formation processes of combustion metamorphic complexes in Mongolia. *A.P. Vinogradov Institute of Geochemistry SB RAS, Irkutsk*
- 17:15 – 17:30 **Z.G. Badredinov, B.A. Markovsky.** Magmatism and metamorphism in the history of the geological development of Kamchatka according to the isotope chronometry of rocks. *Far East Geological Institute FEB RAS, Vladivostok*
- 17:30 – 17:45 **T.A. Emelyanova, Yu.A. Martynov, N.C. Lee, M.Yu. Davydova.** Correlation of geochemical and geodynamic features of the pliocene-pleistocene volcanism of the Vityaz underwater ridge and Kuril island arc. *V.I. Il'ichev Pacific Oceanological institute FEB RAS, Vladivostok*
- 17:45 – 18:00 **V.I. Alekseev.** Lithium-fluorine granites of the Russian Far East. *Saint-Petersburg Mining University, St. Petersburg, Russia*

September 21, Thursday

SESSION: «Magmatism and metamorphism in subduction, collision and slip of lithospheric plates»

09:00 – 11:15

Conference hall, 2nd floor

Co-chairs:

V.N. Reutsky, D.Sc. in Geology and Mineralogy

I.A. Aleksandrov, Cand. Sc. in Geology and Mineralogy

- 09:00 – 09:15 **E.A. Konovalova, Yu. V. Taltykin.** Determination method of magnetite and ilmenite series igneous rocks on the example of the Sikhote-Alin orogenic belt. *Yu.A. Kosygin Institute of Tectonics and Geophysics FEB RAS, Khabarovsk*
- 09:15 – 09:30 **Yu.V. Taltykin, E.A. Konovalova.** Plate tectonics and regional zoning of the redox conditions of crystallization of magmatic rocks in the Sikhote-Alin orogenic belt. *Yu.A. Kosygin Institute of Tectonics and Geophysics FEB RAS, Khabarovsk*
- 09:30 – 09:45 **V.F. Polin.** Geochronology, petrogenesis and geodynamics of the formation of the Kurung complex of the Ketkap-Yuna magmatic province of the Aldan shield. *Far East Geological Institute FEB RAS, Vladivostok*
- 09:45 – 10:00 **A.S. Novikova, V.S. Kamenetsky, M.E. Zelensky, V.D. Shcherbakov.** Evidence for spinel recrystallization in suprasubduction zone (Chirinkotan volcano, Bakening and Navarin cape). *Institute of Experimental Mineralogy RAS, Chernogolovka*
- 10:00 – 10:15 **A.V. Naryzhnova, N.N. Kruk, S.Z. Smirnov.** Composition and formation features of granites of Kukulbey complex (Eastern Transbaikalia). *V.S. Sobolev Institute of Geology and Mineralogy SB RAS, Novosibirsk*
- 10:15 – 10:30 **N.S. Konovalova, N.V. Berdnikov, V.G. Nevstruev.** Microspherules in ores and pyroclastic rocks of the Kostenga iron deposit in the Lesser Khingan Range (Russian Far East). *U.A. Kosygin Institute of Tectonics and Geophysics FEB RAS, Khabarovsk*
- 10:30 – 10:45 **T.V. Kalashnikova, S.I. Kostrovitsky.** Metasomatic features in lithosphere mantle of north-east of Siberian craton (evidence of pyroxenite xenoliths from Udachnaya kimberlite pipe). *A.P. Vinogradov Institute of Geochemistry SB RAS, Irkutsk; Institute of Earth's Crust SB RAS, Irkutsk*
- 10:45 – 11:00 **V.V. Ivanov, M.F. Kiryanov, A.I. Khanchuk, I.I. Fatyanov.** Bekchiul granitoid massif and Ulskaya volcano-tectonic depression (Lower Amur region): geology and new data on U-Pb SHRIMP dating of zircons from magmatites. *Far East Geological Institute FEB RAS, Vladivostok*
- 11:00 – 11:15 **S.O. Maksimov.** Isotopic geochemical markers in Cenozoic basalts as indicators of asthenospheric and ascending lithospheric sources in the territory of South Primorye and Northeast China. *Far East Geological Institute FEB RAS, Vladivostok*
- 11:15 – 11:30 *Coffee break*

September 21, Thursday

SESSION: « Ore formation at the boundaries of subduction, collision and slip of lithospheric plates»

11:30 – 16:15

Conference hall, 2nd floor

Co-chairs:

N.A. Goryachev, Academician of RAS

N.N. Kruk, corresponding member of RAS

- 11:30 – 11:45 **O.A. Gavryushkina, N.N. Kruk, S.Z. Smirnov, E.N. Sokolova.** The main factors in the implementation of the ore-bearing rare-metal-granite magmas. *V.S. Sobolev Institute of Geology and Mineralogy SB RAS, Novosibirsk*
- 11:45 – 12:00 **E.V. Badanina, L.F. Syritso.** Features of rare-metal granitoid ore formation in various terrains of the south Transbaikalia. *Sankt-Petersburg State University, St.-Petersburg*
- 12:00 – 12:15 **P.E. Mikhailik, A.I. Khanchuk.** Ferromanganese crusts from the North Pacific. *Far East Geological Institute FEB RAS, Vladivostok*
- 12:15 – 12:30 **A.I. Khanchuk, V.P. Molchanov.** Late Mesozoic ultramafic-mafic- intrusions of the Sikhote-Alin orogenic belt as sources of strategic metals. *Far East Geological Institute FEB RAS, Vladivostok*
- 12:30 – 12:45 **A.Yu. Yurchuk, Yu.V. Yurchuk.** Deep structures of the Nizhne-Amur region and the of gold mineralization. *Institute of Tectonics and Geophysics FEB RAS, Khabarovsk*
- 12:45 – 13:00 **M.Yu. Nosyrev, A.N. Didenko, G.Z. Gil'manova.** Deep structure and metallogenic features of Khingan-Okhotsk volcano-plutonic belt. *Institute of Tectonics and Geophysics FEB RAS, Khabarovsk*
- 13:00 – 14:00 *Lunch break*
- 14:00 – 14:15 **A.A. Grebennikova, N.A. Goryachev.** Sulphoarsenides of the Albazino deposit (Mongol-Okhotsk orogenic belt). *Far East Geological Institute FEB RAS, Vladivostok; N.A. Shilo North-East Interdisciplinary Scientific Research Institute FEB RAS, Magadan*
- 14:15 – 14:30 **G.Z. Gilmanova, M.Yu. Nosyrev, A.N. Didenko.** Limuri-Amgun ring structure: geomorphological features, deep structure, gold content. *Institute of Tectonics and Geophysics FEB RAS, Khabarovsk*
- 14:30 – 14:45 **A.N. Glukhov, E.E. Kolova.** Pb-Zn mineralization in structures of the Okhotsk-Chukotka volcanic belt. *N.A. Shilo North-East Interdisciplinary Scientific Research Institute FEB RAS, Magadan*
- 14:45 – 15:00 **V.Y. Solovev, V.V. Priymenko, G.O. Polzunenkov, A.M. Gagieva.** Age of the copper-molybdenum-porphyry ore occurrence Labaznoe and the host granitoids of the Viktora complex of the Omolono massif (North-East Asia). *N.A. Shilo North-East Interdisciplinary Scientific Research Institute FEB RAS, Magadan*
- 15:00 – 15:15 **O.T. Sotskaya, N.A. Goryachev.** Rare minerals in the ores of the Early Cretaceous deposit Vetrenskoe (Magadan region, Russia). *N.A. Shilo North-East Interdisciplinary Scientific Research Institute FEB RAS, Magadan*

15:15 – 15:30	<i>Coffee break</i>
15:30 – 15:45	<u>E.D. Skilskaja</u>, D.A. Yablokova, E.Yu. Plutakhina, A.V. Sergeeva, N.D. Tolstyh. Characteristics of gold-silver mineralization at the Maletoyvayam ore field, North Kamchatka. <i>Institute of Volcanology and Seismology FEB RAS, Petropavlovsk-Kamchatsky</i>
15:45 – 16:00	<u>S.V. Shadrina</u>, A.A. Redina, E.A. Romanov. Features of formation of hydrocarbon deposits in serpentinites (Western Siberia). <i>LLC «Koretest service», Tyumen</i>
16:00 – 16:15	<u>A.O. Sobolev.</u> Milogradovskoye gold-silver epithermal ore occurrence as a promising object in the south of Primorsky Krai. <i>Geoconsult Group LLC, Saint Petersburg</i>

September 21, Thursday

DISCUSSION OF PRESENTATIONS. General discussion.

16:15 – 17:15

Conference hall, 2nd floor

September 20-21,

POSTER SESSION

2nd floor hallway

Jingjing Liu, Shifeng Dai Strontium isotopes $^{87}\text{Sr}/^{86}\text{Sr}$ of lignites and their implications for deposition sediments and geological process. *School of Resources and Geosciences, China University of Mining and Technology, Xuzhou, China*

Liang Yi Dating ferromanganese deposits using paleomagnetic signals. *State Key Laboratory of Marine Geology, Tongji University, China*

A.V. Aseeva, A.I. Khanchuk, A.N. Golich. Late Mesozoic mafic-ultramafic intrusive complexes of the Sikhote-Alin (Primorye). *Far East Geological Institute FEB RAS, Vladivostok*

R.A. Badmatsyrenova. The accretion-collision stage of ultramafic-mafic magmatism of the Western Transbaikalian segment of the CAO. *A.P. Vinogradov Institute of Geochemistry SB RAS, Irkutsk*

N.G. Boriskina. Features and prospectivity of the ore mineralization in the Amur region. *Far East Geological Institute FEB RAS, Vladivostok*

I.V. Bragin, A.A. Pavlov, G.A. Chelnokov, N.A. Kharitonova. Neotectonics and Quaternary magmatism as the main factors determining the formation of thermal waters in the ESAVB area (on the example of the Amgu thermal water group). *Far East Geological Institute FEB RAS, Vladivostok*

I.A. Vishnevskaya, P.E. Mikhailik. Detrital source in Fe-Mn crusts from the North Pacific: data from Sr-Nd isotopes composition of mineral fractions. *Far East Geological Institute FEB RAS, Vladivostok*

A.N. Golich, S.V. Vysotskiy. Paleogeodynamic setting of the Kalinovka ophiolite in the Sikhote-Alin *Far East Geological Institute FEB RAS, Vladivostok*

V.V. Gusarova, V.N. Bakhtina. Geological structure and ore formation of the Yuzhnoye deposit. *Far East Geological Institute FEB RAS, Vladivostok*

S.V. Zyabrev. Accretionary complexes of accretionary and collisional systems of the Russian Far East

and Tibet: comparative analysis. *Institute of Tectonics and Geophysics FEB RAS, Khabarovsk*

V.E. Kirillov, V.A. Guryanov. Geodynamic settings of formation of an ore cluster in the south-eastern Siberian platform. *Institute of Tectonics and Geophysics FEB RAS, Khabarovsk*

Yu.A. Mikishin, I.G. Gvozdeva. Stratigraphy and paleogeography of the Holocene in the southern margin of Northern Sakhalin. *Far East Geological Institute FEB RAS, Vladivostok*

T.I. Mikhailitsyna, O.T. Sotskaya. Lithologo-geochemical characteristics and micromineralogical features of dislocation-metamorphosed Permian rocks (Kulu river). *N.A. Shilo North-East Interdisciplinary Scientific Research Institute FEB RAS, Magadan*

V.P. Molchanov, I.V. Kemkin. “Invisible” gold from the sulfide ores of the Sukhoe deposit (Primorye). *Far East Geological Institute FEB RAS, Vladivostok*

P.L. Nevolin, A.N. Mitrokhin, V.P. Utkin. Dynamics of warping in the structures of Primorye: features of tectonic models, positioning and infrastructure of intrusions, ore and non-metallic deposits. *Far East Geological Institute FEB RAS, Vladivostok*

T.I. Petrenko. Palynocomplexes of boundary Eocene-Oligocene deposits in Primorye. *Far East Geological Institute FEB RAS, Vladivostok*

A.V. Romanova, I.O. Utyupin, S.P. Pletnev, A.V. Poselyuzhnaya. Secondary carbonate mineralization of foraminifer shells under Holocene paleo-emissions of methane in the Sea of Okhotsk. *Far East Geological Institute FEB RAS, Vladivostok*

Yu.A. Stepnova. Seismotectonic setting of the earthquake of April 3, 2023. *Far East Geological Institute FEB RAS, Vladivostok*

D.V. Tihomirov, V.V. Ratkin, A.V. Chugaev, O.A. Eliseeva. Dalnegorsk-type Pb-Zn skarn deposits: an isotopic-geochemical model. *Far East Geological Institute FEB RAS, Vladivostok*

Tsybukova S.S. Mineralogical and geochemical signs of participation of subducted oceanic lithosphere matter in the origin of intraplate alkaline-basalt magmas (Northern Mongolia). *Vinogradov Institute of Geochemistry SB RAS, Irkutsk*

S.L. Shevyrev. Outline of Neotectonic uplifts and placers prospectivity by base level surfaces with ENOE 0.6a software. *Far East Geological Institute of FEB RAS, Vladivostok*

E.A. Elbakidze, A.V. Romanova. Principal component analysis for the interpretation of diatom analysis data in lagoon sediments (Lake Ptichje, Southern Primorye). *Far East Geological Institute FEB RAS, Vladivostok*

September 22, Friday

Geological tour of the Muravyov-Amursky Peninsula and Russky Island

09:00 – 18:00

Departure of conference participants