XVIII INTERNATIONAL CONGRESS ON THE CARBONIFEROUS AND PERMIAN

August 11–15, 2015, Kazan, Russia

XVIII ICCP, an international meeting of geologists and paleontologists in all fields of the Carboniferous and Permian research, will be held at Kazan Federal University, Kazan, Russia on August 11-15, 2015.

The Carboniferous and Permian successions of Russia have a long history of study and are renowned for excellent outcrops that occur over a vast territory, a considerable variety of depositional types, and abundant fossils. National and international projects have focused on documentation of candidates for global stratotypes for stage and substage boundaries, on paleogeographic reconstructions of the Uralian Ocean and the Paleo-Tethys, and on geochemical studies leading to great advances in our understanding of the paleoclimate at the end of the Paleozoic. Considerable progress was made in the study of Carboniferous and Permian successions in Siberia, the Russian Far East and the Cis-Uralian Region.

ICCP XVIII in Kazan will provide an important forum for discussion of the most relevant cutting-edge topics of Carboniferous-Permian geology and paleontology, and a unique opportunity to see and collect from exceptional geological localities in European Russia.

ORGANIZING COMMITTEE

President of the XVIII International Congress on the Carboniferous and Permian
Professor Ilshat R. Gafurov, Rector of Kazan (Volga Region) Federal University

Chairman of the Organizing Committee
Professor Danis K. Nurgaliev, Vice-Rector for Research, Director of Institute of Geology and Petroleum Technologies

Congress General Secretary
Dr. Vladimir V. Silantiev, Head of Paleontology and Stratigraphy Department
Phone/fax: 007 843 292 0819; E-mail: iccp2015@kpfu.ru

Please contact the ICCP XVIII Congress Secretariat by emailing iccp2015@kpfu.ru for all enquiries, visa support and accommodation.

The fee for participation is offered at a discounted fixed rate: Regular participant – 250 Euro, Student – 125 Euro, Accompanying person – 50 Euro (all fees will be accepted onsite in cash). ATMs are widely available at airports, banks, along main shopping streets and in malls. Participants are required to pay the registration fee at the meeting registration desk.

Detailed information is available on the congress website http://kpfu.ru/iccp2015
SCIENTIFIC COMMITTEE


SCHEDULE FOR THE XVIII ICCP

AUGUST 10: 10.30–17.00 • Registration and welcome reception • Institute of Geology (Kremlevskaya, 4/5)
AUGUST 11: 08.30–10.30 • Registration• Institute of Geology (Kremlevskaya, 4/5)
AUGUST 11: 11.00–13.00 • OPENING CEREMONY • Main Assembly Hall of the KFU (Kremlevskaya, 18)
AUGUST 11: 13.40–18.30 • Talk and poster sessions, workshops • Institute of Geology (Kremlevskaya, 4/5)
AUGUST 12: 08.30–18.30 • Talk and poster sessions, workshops • Institute of Geology (Kremlevskaya, 4/5)
AUGUST 13: 09.00–17.00 • Mid-Congress field excursion B1. Permian deposits and historical-cultural sites along the Volga River (boat tour)
AUGUST 14: 08.30–16.30 • Talk and poster sessions, workshops • Institute of Geology (Kremlevskaya, 4/5)
AUGUST 11: 17.30–22.00 • DINNER in HAYAL Restaurant • Universitetskaya St., 18
AUGUST 15: 08.30–16.30 • Talk and poster sessions, workshops • Institute of Geology (Kremlevskaya, 4/5)
AUGUST 15: 16.30–18.00 • Closing of the Congress • Institute of Geology (Kremlevskaya, 4/5)

PRE-AND POST-Congress excursions

A. Pre-congress excursions:
http://kpfu.ru/portal/docs/F1514650990/A1.2015.02.06.FINAL.pdf
A4. Middle Permian - Lower Triassic continental sequences in Vologda and Arkhangelsk regions (north of European Russia) and localities of flora, tetrapods, non-marine fishes and invertebrates.

B1. Mid-Congress field excursion. Permian deposits and historical-cultural sites along the Volga River

B. Post-congress excursions:
C1. Volga and Kama Region. Middle and Upper Permian.
http://kpfu.ru/portal/docs/F1220382687/S1.2015.02.06.FINAL.pdf
http://kpfu.ru/portal/docs/F142458025/C2.2015.02.06.FINAL.pdf
C3. Carboniferous reference sections: potential candidates for the base of the Serpukhovian GSSP, deep-water and shallow-water sections of the eastern slope of the Southern Urals, organic buildups.
http://kpfu.ru/portal/docs/F590210485/C3.2015.02.08.Engl.vsi_svn1_kul_svn.08_02.pdf

More information about Field Trips is available at www.iccp2015.kpfu.ru

VENUE

The City of Kazan is among the most ancient cities in Russia. With a population of 1.2 million people, it is a cultural and industrial center included in the UNESCO World Heritage list, and its mosaic of Muslim and Christian architecture contributes to its unique atmosphere and scenery. Kazan is easily accessible from Europe via Frankfurt, Istanbul, Astana, Moscow, and St. Petersburg.

GUEST PROGRAM

A special guest program is planned. The congress organizers can help coordinate local excursions to suit most interests. Feel free to request information, provide suggestions or share potential interests. See the Official Kazan City Guide at http://gokazan.com/
Scientific Programme

AUGUST, 11

8.30-10.30  Registration (will be continued after the Opening Ceremony)
11.00-13.00  Opening ceremony
13.00-14.30  Lunch break
13.40-14.30  Workshop held by "Company SocTrade" LLC
14.30-16.30  S1
16.30-16.50  Coffee break and Poster Session
16.50-18.30  S1

AUGUST, 12

8.30-10.30  S2
10.30-10.50  Coffee break and Poster Session
10.50-12.50  S6  S3  S16
12.50-14.30  Lunch break
13.40-14.30  ICCP Standing Committee Meeting
13.40-14.30  Workshop held by "Company SocTrade" LLC
14.30-15.30  S6  S9
15.30-16.30  S8  S12-14
16.30-16.50  Coffee break and Poster Session
16.50-18.30  S8  S4

AUGUST, 13

9.00-17.00  B1 Field Trip and Discussion about poster presentations

AUGUST, 14

8.30-10.30  S15  S5
10.30-10.50  Coffee break and Poster Session
10.50-11.30  S15
13.10-14.50  Lunch break
14.00-14.50  Workshop held by "Company SocTrade" LLC
14.20-14.50  IGCP630 Business Meeting
14.50-16.30  S18
17.30-22.00  Dinner in Hayal Restaurant

AUGUST, 15

8.30-10.30  S7
10.30-10.50  Coffee break and Poster Session
10.50-11.50  S7  S10
11.50-12.10  S7  S11
12.50-14.30  Lunch break
13.40-14.30  Workshop held by "Company SocTrade" LLC
14.30-15.50  S7  S17
15.50-16.30  Coffee break
16.30-18.00  Closing of the Congress

S1  Carboniferous stage boundaries, stratotype sections, and GSSPs
S2  Permian stage boundaries, stratotype sections, and GSSPs
S3  Carboniferous and Permian high-resolution stratigraphy (multi-proxy correlations)
S4  Late Paleozoic glaciations and interglacials: impact on ecosystems and sedimentation
S5  Carboniferous and Permian plate tectonics and orogenies
S6  Late Paleozoic marine macrofossils: systematics, biostratigraphy, and paleobiogeography
S7  Late Paleozoic continental biota: systematics, ecosystems, and paleobiogeography
S8  Micropaleontology: systematics, phylogeny and biostratigraphy
S9  The terrestrial late Paleozoic world: paleosols, lithofacies, and environments
S10  Sequence stratigraphy and cycles
S11  Late Paleozoic reefs, biostromes, and carbonate mounds
S12-14  Upper Paleozoic oceans and land: climate, evolution, extinctions and recoveries
S15  End-Permian mass extinction and Early Triassic recovery
S16  Carboniferous and Permian coal and mineral deposits
S17  Eurasian conventional and unconventional hydrocarbon systems
S18  Marine-Non-marine Carboniferous and Permian Correlation
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<td><strong>10.30-17.00</strong></td>
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<td>Institute of Geology and Petroleum Technologies (Kremlevskaya, 4/5)</td>
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| **11.00-13.00** |
| Main Assembly Hall of the Kazan University (Kremlevskaya, 18) |
| Opening ceremony |
| Photo Session |

| **13.00-14.30** |
| Lunch break |

| **13.40-14.30** |
| Lecture Hall 201 of the Institute of Geology and Petroleum Technologies (Kremlevskaya, 4/5) |
| Workshop held by “Company SocTrade” LLC |
| Oil and rocks composition and properties determination with laboratory instruments from SocTrade |

Assembly Hall of Institute of Geology and Petroleum Technologies (Kremlevskaya, 4/5)

**Session 1. Carboniferous stage boundaries, stratotype sections, and GSSPs**

Co-Conveners: Barry C. Richards, Alexander S. Alekseev

| 14.30-14.50 |
| S1.1 Barry C. Richards. Current status of the International Carboniferous Time Scale |

| 14.50-15.10 |
| S1.2 Markus Aretz, Carlo Corradini and Task Group. The redefinition of the Devonian-Carboniferous Boundary: recent developments |

| 15.10-15.30 |
| S1.3 Edouard Poty, Julien Denayer, Cyrille Prestiani, Bernard Mottequin. A proposal for a Devonian – Carboniferous boundary based on the Hangenberg extinction event, as suggested by the transition in the Namur–Dinant Basin (southern Belgium) |

| 15.30-15.50 |
| S1.4 Barry C. Richards, Svetlana V. Nikolaeva, Elena I. Kulagina, Alexander S. Alekseev, Valery M. Gorozhanin, Elena N. Gorozhanina. Volcanic ash and deep-water carbonates in Verkhnyaya Kardailovka section, South Urals, Russia: a candidate for the basal Serpukhovian GSSP |

| 15.50-16.10 |
| S1.5 Svetlana V. Nikolaeva, Alexander S. Alekseev, Elena I. Kulagina, Barry C. Richards, Nillyufer B. Gibahman, Vera A. Konovalova, Olga L. Kossovaya, Dieter Weyer, Michael M. Joachimski. Late Viséan-Serpukhovian deep-water fossil assemblages on the eastern slope of the South Urals (Verkhnyaya Kardailovka) |

| 16.10-16.30 |
| S1.6 Xiangdong Wang, Yuping Qi, Tamara I. Nemyrovskaya, Jitao Chen, Qiulai Wang, Keyi Hu. New progress on the study of the Viséan-Serpukhovian boundary in South China |

| **16.30-16.50** |
| Lecture Halls 202 and 204 of the Institute of Geology and Petroleum Technologies (Kremlevskaya, 4/5) |
| Coffee break and Poster Session |

| 16.50-17.10 |
| S1.7 Demir Altiner, Sevinç Özkan-Altiner, Ismaıl O. Yılmaz, Ayşe Özdemir-Atakul. Bashkirian-Moscovian boundary beds in central Taurides (Turkey): foraminiferal biostratigraphy and position of the boundary within a glacio-eustasy driven sequence stratigraphic framework |

| 17.10-17.30 |
| S1.8 Natalia V. Goreva, Alexander S. Alekseev. Conodonts and the position of the lower boundary of the Kasimovian Stage in the type region (Moscow Basin) |

| 17.30-17.50 |
| S1.9 Alexander S. Alekseev, Natalia V. Goreva, Tatiana N. Isakova, Olga L. Kossovaya, Michael M. Joachimski. Gzhel section (Moscow Basin, Russia), as a candidate for the GSSP for the global Gzhelian Stage |

| 17.50-18.10 |
| S1.10 Yuping Qi, James E. Barrick, Nicholas J. Hogancamp, Qiulai Wang, Jitao Chen, Katsumi Ueno, Yue Wang, Xiangdong Wang. New perspectives on the candidate sections for the GSSP of the base of the global Gzhelian Stage in South China |

| 18.10-18.30 |
| S1.11 Guzal M. Sungatullina, Vladimir I. Davydov, James E. Barrick, Rafael Kh. Sungatullin, Oleg P. Shilovsky. Kasimovian-Gzhelian transition, Usolka Section, Southern Urals, Russia: new data |
Session 2. Permian stage boundaries, stratotype sections, and GSSPs

- 8:30-8:50
  - S2.1
  - S2.2
  - S2.3
  - Coffee break

Session 6. Late Paleozoic marine macrofossils: systematics, biostratigraphy, and paleobiogeography

- 10:50-11:10
  - S6.1
  - S6.2
  - S6.3
  - S6.4
  - S6.5
  - Lunch break

Session 8. Micropalaeontology: systematics, physiology and biostatigraphy

- 14:40-15:10
  - S8.1
  - S8.2
  - S8.3
  - S8.4
  - S8.5

Session 12. Upper Paleozoic oceans and land: climate, evolution, extinctions and recoveries

- 16:10-16:30
  - Lecture Halls 202 and 204 of the Institute of Geology and Petroleum Technologies (Kremlevskaya, 4/5)

Session 4. Late Paleozoic glaciations and interglacials: impact on the continents and oceans

- 10:30-10:50
  - Lecture Hall 201 of the Institute of Geology and Petroleum Technologies (Kremlevskaya, 4/5)
  - 3D Geo Centre of the Institute of Geology and Petroleum Technologies (Kremlevskaya, 4/5)
  - S16.1
  - S16.2
  - S16.3
  - S16.4
  - S16.5
  - S16.6
AUGUST, 13

9.00-17.00 Field Trip B1 “Permian deposits and historical-cultural sites along the Volga River (boat tour)” Field Trip and Discussion about poster presentations

AUGUST, 14

Assembly Hall of the Institute of Geology and Petroleum Technologies (Kremlevskaya, 4/5)

Session 15. End-Permian mass extinction and Early Triassic recovery
Co-Conveners: Zhong-Qiang Chen, D. Zakharov

8.30-8.50 S15.1 Zhong-Qiang Chen, Jialin Wang, Hao Yang, Chengyi Tu, Alexander M. Popov, Weihong He. Permian-Triassic evolutionary dynamics of the Brachipoda: paleobiogeography, extinction-survival-recovery, latitudinal diversity gradients, body size variation, and longevity changes

8.50-9.10 S15.2 Andrey G. Semnikov, Valeriy K. Golubev. Replacement of the dominant groups of tetrapods at the turn of the Permian and Triassic


9.30-9.50 S15.4 Iija Kogan, Carlo Romano, Martha B. Koot, Jorg W. Schneider. Turnover in aquatic ecosystems at the Permian/Triassic boundary: actinopterygians on top


10.10-10.30 S15.6 Daoliang Chu, Jinnan Tong, Huijun Song, Michael J. Benton, Huyue Song, Jianxin Yu, Xincheng Qiu, Yufei Huang, Li Tian. Lilliput: the effect in freshwater ostracods during the Permian-Triassic extinction

10.30-10.50 Lecture Halls 202 and 204 of the Institute of Geology and Petroleum Technologies (Kremlevskaya, 4/5) Coffee break and Poster Session

10.50-11.10 S15.7 Yuri D. Zakharov, Michal Horacek, Yasunari Shigeta, Alexander M. Popov, Takumi Maekawa Carbon and nitrogen isotope record of Indian-Gulisan sequences in South Primorye and conditions for ammonoid and brachiopod recovery after Late Permian mass extinction

11.10-11.30 S15.8 Jun Shen, Shane D. Schoepfer, Qinglai Feng, Lian Zhou, Jianxin Yu, Huyue Song, Hengye Wei, Thomas J. Algeo. Marine productivity changes during the Permian-Triassic boundary crisis and Early Triassic recovery

11.30-11.50 S15.9 Yuriy P. Balabanov, Valeriy K. Golubev, Andrey G. Semnikov. Magnetostratigraphy and biostratigraphy of the Permian-Triassic boundary interval in European Russia

11.50-12.10 S15.10 Hua Zhang, Shuzhong Shen, Changhai Cao, Quanfeng Zheng. The microspherules from the P–T boundary layers in South China: Not an evidence for an extraterrestrial impact event

12.10-12.30 S15.11 Frank Scholze. New data on conchostracans from the Zechestein and Lower Buntsandstein in Germany used for biostratigraphic correlations with continental Permian-Triassic boundary sections in Russia and China

12.30-12.50 S15.12 Guozhen Xu, Jean-François Deconinck, Ludovic Bruneau, Qinglai Feng. Clay mineralogy of marine sediments across the Permian-Triassic boundary in South China

12.50-13.10 S15.13 Li Tian, Jinnan Tong, David Bottrill, Daoliang Chu, Lei Liang, Huyue Song, Haijun Song. Rapid carbonate depositional changes following the Permian-Triassic mass extinction: Sedimentary evidence from South China

13.10-14.50 Lunch break

14.00-14.50 Lecture Hall 201 of the Institute of Geology and Petroleum Technologies (Kremlevskaya, 4/5) Workshop held by “Company SocTrade” LLC Rocks oil-bearing capacity determination by GExGC-TOFMS method

Assembly Hall of Institute of Geology and Petroleum Technologies (Kremlevskaya, 4/5)

Session 18. Marine-Non-marine Carboniferous and Permian Correlation
Co-Conveners: Joerg W. Schneider, Shuzhong Shen

14.50-15.10 S18.1 Vladimir V. Silantiev. Permian nonmarine bivalve zonation of the East European Platform and its correlative capacity

15.10-15.30 S18.2 Frank Scholze. The position of the Permian-Triassic boundary in continental sections of northern Pangea: First results from a nonmarine-marine correlation project

15.30-15.50 S18.3 Igor V. Buznikov, Olga V. Kirenko, Ruslan V. Kutygin. Sedimentary features of Upper Paleozoic deposits in the north-eastern Siberian Platform

15.50-16.10 S18.4 Annette E. Goetz, Katrin Rudwaleit, Vladimir V. Silantiev. Climatic signals recorded in Permian palynomorph assemblages: High-resolution correlation tool and key to late Palaeozoic palaeoclimate reconstruction


17.30-22.00 Dinner in Hayal Restaurant
**SESSION 7. LATE PALEozoic CONTINENTAL BIOTA: SYSTEMATICS, ECOSYSTEMS, AND PALEOBIOGEOGRAPHY**

**Co-Conveners:** Hans Kerp, Valeriy K. Golubev

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<tr>
<td>8:30-8:50</td>
<td>Zbyněk Simůnek. The flora and dispersed cuticles from the coal seams in the Jan Pit of the Šverna Coal Mine in Žacléř (Bashkirian, Intrasudetic Basin, Czech Republic)</td>
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<tr>
<td>8:50-9:10</td>
<td>Joerg W. Schneider, Spencer G. Lucas, Steffen Trümper, Ralf Werneburg, Abouchouaib Belahmira, Hafid Saber, Frank Scholze, Abdelouahed Lagnauoi. Two Late Palaeozoic fossil Lagerstätten compared – inland lake, Souss Basin (Kasimovian, Morocco) and coastal plain ponds, Carrizo Arroyo (Early Permian, New Mexico)</td>
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<tr>
<td>9:30-9:50</td>
<td>Danila S. Aristov, Alexander P. Rasinlytis. Dynamics of insect diversity in the Paleozoic</td>
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<td>10:10-10:30</td>
<td>Anju Saxena, Kamal Jeet Singh, Shirenup Goswami. Late Palaeozoic biodiversity and palaeoclimatic significance of the coal forming flora of Singrauli Coalfield, Son-Mahanadi Basin, India</td>
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**Lecture Halls 202 and 204 of the Institute of Geology and Petroleum Technologies (Kremlevskaya, 4/5)**

**Coffee break and Poster Session**

**Lecture Hall 201 of the Institute of Geology and Petroleum Technologies (Kremlevskaya, 4/5)**

**Session 7. LATE PALEozoic CONTINENTAL BIOTA: SYSTEMATICS, ECOSYSTEMS, AND PALEOBIOGEOGRAPHY**

**Co-Conveners:** Elena Malysheva, Edouard Poly

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<tr>
<td>10:00-10:20</td>
<td>Eduard Poly, Bernard Mottequin, Julien Denayer. The orbitally forced cycles of the Lower Tournaisian (Hastarian substage) of Belgium: climate reconstruction and time calibration</td>
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<tr>
<td>10:20-10:40</td>
<td>Nina B. Donova. The Mid-Carboniferous boundary in continental sections of Angaraland (Minusinsk Depression; Siberian platform)</td>
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<tr>
<td>10:40-10:50</td>
<td>Elena Malyshева, Ludmila Kieschina, Valery Nikshin, Alena Lukasheva, Ekaterina Vollvich. Sequence Stratigraphy as a tool for paleogeographic reconstructions of the Permian in the south of the Barents sea</td>
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**Lecture Hall 201 of the Institute of Geology and Petroleum Technologies (Kremlevskaya, 4/5)**

**Session 11. LATE PALEozoic REEFS, BIOSTROMES, AND CARBONATE Mounds**

**Co-Conveners:** Giovanna Della Porta, Olea L. Kossylova

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<tr>
<td>11:00-11:20</td>
<td>Anna I. Antoshkina. Characteristics of Late Carboniferous-Early Permian organic buildup environments of the Timan North Ural region</td>
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<tr>
<td>11:20-11:40</td>
<td>Tsutomu Nakazawa, Katsumi Ueno, Masayuki Fujikawa. Flourishing microbial community during the Early Permian paleoclimatic transition on the mid-Panhallasan Akiyoshi atoll (SW Japan)</td>
</tr>
<tr>
<td>11:40-12:00</td>
<td>Giovanna Della Porta, Jeroen A.M. Kenter, Paul M. (Mitch) Harris, Nereo Preto, Ted Playton, Juan R. Bahamonde, Oscar A. Merino-Tome’. Fabrizio Berra, Klaus Verwer, V. Paul Wright. Paleozoic to Mesozoic high-relief carbonate platforms: depositional geometry and microbial boundstone growth</td>
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**Lecture Hall 201 of the Institute of Geology and Petroleum Technologies (Kremlevskaya, 4/5)**

**Session 17. EURASIAN CONVENTIONAL AND UNCONVENTIONAL HYDROCARBON SYSTEMS**

**Co-Conveners:** Danis K. Nurgaliev, Giovanna Della Porta

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<tr>
<td>13:00-13:20</td>
<td>Anton N. Kolchugin, Adrian Immenhauser, Vladimir P. Morozov. Diagenesis of an oil-water contact in a Lower Pennsylvanian carbonate reservoir: constraints from cathodoluminescence microscopy and isotope geochemistry</td>
</tr>
<tr>
<td>13:40-13:50</td>
<td>Wim Vandewijngaerde, Pieter Bertier, Kris Piessens, Bernhard Krooss, Philip Weniger, Rudy Swennen. Pore and sorption characteristics of Westphalian shale deposits in the Campine Basin</td>
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**Lecture Hall 201 of the Institute of Geology and Petroleum Technologies (Kremlevskaya, 4/5)**

**Session 12. WATER CONTACTS AND RELIEF CARBONATE PLATFORMS:**

**Co-Conveners:** Elena Malysheva, Edouard Poty

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<tr>
<td>13:40-13:45</td>
<td>Daniel Falk, Joerg W. Schneider, Ute Gebhardt, Bodo-Carlo Ehling, Sebastian Voigt. Sedimentology and technology of a Middle Permian alluvial-fan and playa-lake system (Hornburg Formation, Germany)</td>
</tr>
<tr>
<td>13:50-13:55</td>
<td>Michael O. Day, Bruce S. Rubidge. The terrestrial Middle-Late Permian transition: The Pristerognathus Assemblage Zone of South Africa</td>
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<td>14:00-14:05</td>
<td>Valery V. Bulanov, Andrey G. Sennikov. New data on the morphology and systematics of the Late Permian gliding reptiles</td>
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<td>14:05-14:10</td>
<td>Jun Liu. Recent advances on the study of Chinese Permian tetrapod faunas</td>
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<tr>
<td>14:10-14:15</td>
<td>Abdelouahed Lagnauoi, Abouchouaib Belahmira, Hafid Saber, Joerg Schneider. Late Permian invertebrate ichnofossil assemblages from the uppermost part of the Ikakern Formation of Argana Basin (Western High Atlas, Morocco)</td>
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<tr>
<td>14:15-14:20</td>
<td>Alla V. Minikh, Iya I. Molostovskaya, Maxim G. Minikh. On the origin of the Severodvinian bed in the Permian reference section on the Sukhona River based on ostracods and ichthyofauna</td>
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<tr>
<td>14:20-14:25</td>
<td>Alexey V. Gomankov. Rhipidopsis in the Tatarina flora</td>
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**Closing of the Congress**
## Poster Session

### Session 1. Carboniferous stage boundaries, stratotype sections, and GSSPs

Barry C. Richards, Tim H.D. Hartel. Stratigraphy, sedimentology and inorganic geochemistry of the late Famennian to early Tournaisian Exshaw Formation, Canadian Rockies

Denis I. Leontiev, Olga L. Kossovaya, Tatiana N. Isakova. Kasimov Quarry - the key section of the Moscovian-Kasimovian transition in the east of the Moscow Basin

Sezim Mustapayeva, Valentina Zhaimina, Adilkhan Baibatsha. Lithology and foraminifers from the Visean-Serpukhovian boundary beds in the Zhanakorgan deep-water section in Big Karatau (Southern Kazakhstan)

Elena Vasilieva. On the Tournaisian -Viséan boundary in the Muhanovo-Erohovsky basin (Kama-Kinel trough system)

Aleksandra Dzhenchuraeva. Boundary Bashkirian – Moscovian Foraminiferal Assemblages in the South Tien-Shan

Tatiana N. Isakova, Olga L. Kossovaya, Galina Yu. Ponomareva. Bashkirian-Moscovian boundary on the Middle Urals: foraminifers and corals in the Kremennoi and Mariinskyi Log sections

Nilyufer B. Gibshman. Biostratigraphy and correlation of the Upper Viséan – Serpukhovian (Lower Carboniferous) of the Moscow Basin using Foraminifera

### Session 2. Permian stage boundaries, stratotype sections, and GSSPs

Evgeny E. Sukhov. Permian foraminiferans of the Usolka River

Evgeny E. Sukhov. Permian Foraminifera of Spitzbergen (Starostin Formation)

Nouriya G. Nurgalieva, Michael P. Arefiev, Vladimir V. Silantiev, Radmir R. Khaziev. Stable isotopes of carbon and oxygen in the Middle Permian carbonate rocks within the reference sections of Volga region, Russia

### Session 3. Carboniferous and Permian high-resolution stratigraphy (multi-proxy correlations)

Fariba Shirezade, Vachik Hairapetian, Abdelhosein Kangazian, Nader Kohansal, S. Hassan Hejazi, Amir Akbari Mohamadi, Shirin Fasshi, Mardavij Sadri. Revision of the Carboniferous-Early Permian succession based on the new lithostratigraphic data in the western edge of central Iran micro continent

### Session 5. Carboniferous and Permian plate tectonics and orogenies

Anna Fetisova, Ted Evans, Vladimir Pavlov, Roman Veselovskiy. Late Permian paleomagnetic results from the Southern France: Magnetostratigraphy and geomagnetic field morphology

Anna Fetisova, Roman Veselovskiy, Yuriy Balabanov. New paleomagnetic data from two Permian-Triassic sections of the Volga River region and magnetostatigraphic correlation with other regions of the East European Platform

Elena N. Volchek, Victor M. Necheukhin. Geodynamic environments of early Carboniferous volcanogenic complexe formation of Eastern interterrrane segment of the Urals Paleozoic orogen

### Session 6. Late Paleozoic marine macrofossils: systematics, biostratigraphy, and paleobiogeography

Tatjana A. Grunt. Brachiopods from the Vøringen Member of Kapp Starostin Formation (Permian, Spitsbergen)

Nadezhda Kucheva. Brachiopods of the Delepinea lebedevi – Ovatia markovskii Zone in the carbonates of the eastern slope of the South and Middle Urals

Alyona V. Kurilenko. Crinoid diversity in the Carboniferous of Transbaikalia
Svetlana V. Nikolaeva, Aleksandra V. Dzhenchuraeva, Vera A. Konovalova, A.V. Neevin, Olga F. Getman. Early Viséan ammonoid assemblages in the Middle Tian-Shan Naryn Zone, and their correlation with the conodont and foraminiferal framework

Igor N. Manankov. Biogeography of the Permian marine basins of Mongolia

Victor I. Makoshin, Ruslan V. Kutygin, Leonid G. Peregoedov. Biostratigraphy and brachiopods of the Carboniferous-Permian boundary deposits of the Kubalakh section (lower reaches of the Lena River)

Maryannaz Bahrammanesh, Lucia Angiolini, Claudio Garbelli. Late Permian Brachiopods from Central Iran and correlation with Jufla section (NW Iran)

Ruslan V. Kutygin, Alexander S. Biakov. Permian ammonoids of the Okhotsk Region, Northeast Asia

Alexey V. Mazaev. Upper Kazanian substage (Middle Permian) Gastropod assemblages of the Eastern European Platform

Alexey V. Pakhneievich. On the systematic position of the genus Chivatschella Zavodowsky, 1968 (Rhynchonellida, Brachiopoda)

Ruslan V. Kutygin, Victor G. Ganelin. Biostratigraphic subdivision of the Lower-Middle Permian of the Kolyma–Omolon Region based on ammonoids

Galina P. Nestell, Merlynd K. Nestell, Galina V. Kotlyar, Olga L. Kossovaya, Dieter Weyer. Early Kazanian fauna of the Nemda River basin (Volga-Vyatka region), Russia

Evgeny S. Ponomarenko. Evolution of Palaeoaplysina Krotov, 1888 (hydroids): structural changes of the channel system

Sergei A. Rodygin, Alexander N. Konovalov, Alena A. Konovalova. New Data on Middle Permian Conulariids (Samara region)

Natalya Inkina. Lower Permian fossils of the Sezym Formation (Kos'yu-Rogovaya Depression)

Nannapat Natchakunlasap, Inthat Chanpheng, Sakchai Juanggam, Prinya Putthapiban. A Comparative Study of the preservation of brachiopods from the former Shan-Thai and the Indochina microplates in Thailand

**Session 7. Late Paleozoic continental biota: systematics, ecosystems, and paleobiogeography**


Vladimir V. Silantiev, Sanjay Chandra, Milyausha N. Urazaeva. Systematics of nonmarine bivalve mollusks from the Indian Gondwana Coal Measures (Damuda Group, Permian, India)

Roberto Iannuzzi, Mary E.C. Bernardes-de-Oliveira, Rajni Tewari. Evidence of intense floral interchange between South America and India during the Early Permian

Ausonio Ronchi, Lorenzo Marchetti. The Lower Permian continental basins of the Southern Alps (Italy) revisited: palaeoenvironments, fossil record and correlation at the Western Paleoeuropean scale.

Eugeny Karasev, Elżbieta Turnau. Late Permian (Lopingian) plant mesofossils from the Eleonora locality, Vologda region of Russia

Valeri V. Bulanov. The dental system morphology of the Middle-Late Permian seymouriamorph amphibians

Angela Osen, Arne Winguth, Cornelia Winguth. Sensitivity of the Late Permian climate to radiative forcing changes: A study of biome and phytogeographic patterns

Dmitry V. Vassilenko. New evidence of plant–insect interactions in the Carboniferous and Permian of Russia and Mongolia

Valeri K. Golubev. The Sundyr tetrapod assemblage and effects of the Severodvinian (late Capitanian) crisis on the Eastern European tetrapod community

Dinara N. Miftakhutdinova, Guzal M. Sungatullina. Carboniferous conodonts of the Melekes depression

Milyausha N. Urazaeva, Vladimir V. Silantiev, Rasima R. Usmanova. Revision of the Late Permian non-marine bivalve genus Verneuilunio Starobogatov, 1987

Anastasia Zvereva. Non-marine bivalves upper Paleozoic Norilsk region
Liubov Bukhman. New female peltaspermous fructifications from the Permian of the Samara Region (Novy Kuvak locality)

Jun Wang, Hans Kerp. Invasion of Angaran and Euramerican floras to Cathaysia in Latest Permian: a peltasperm-dominated flora with cuticular preservation from the Nan Shan Region, western China

Olga A. Orlova, Aleftina L. Jurina, Sergey M. Snigirevsky. Frasnian plant assemblages of North Timan (Russia)

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Gulnara Zainakaeva. Late Viséan and Serpukhovian ostracod assemblages in the Paleouralian and Moscow marine basins

Elena Kulagina. Taxonomic composition of the Upper Viséan and Serpukhovian foraminifers of the Verkhnaya Kardailovka section, South Urals, Russia

Elena L. Zaytseva, Nilyufer Gibshman. The genus Quasiendothyra as the basis for the zonal subdivision of the Famennian and for definition of the Devonian - Carboniferous boundary in the Volga-Urals and Peri-Caspian regions

Olga Orlov-Labkovsky. On the taxonomy of some representatives of the subfamily Fusulininae Moeller, 1878

Artem N. Plotitsyn, Pavel A. Beznosov. Conodont and vertebrate assemblages from the Early Carboniferous section of the Malaya Usa River (Polar Urals, Russia)

Dong-xun Yuan, Shu-zhong Shen, Hua Zhang, Charles M. Henderson. High-resolution Lopingian conodont biostratigraphy at the Shangsi Section of Sichuan Province, South China

Alexander S. Alekseev, Natalia V. Goreva. Latest Moscovian to earliest Kasimovian (Pennsylvanian) conodont faunas from the Dalinny Tulkas section, South Urals, Russia

Tatiana V. Filimonova. About Late Paleozoic Lateenglobivalvulina nov. gen., and its paleobiogeographic spread and position in the philogenetic lineage of Biseriamminoidea (Foraminifera)

Tatiana V. Filimonova, Viktor G. Ganelin, Maria K. Danukalova, Alexander V. Kuzmichev. The Artinskian assemblages of smaller foraminifers and brachiopods from Kotelnki Island (New Siberian Islands, Russia)

Keyi Hu, Yuping Qi. Bashkirian conodonts from the Luokun section, Southern Guizhou, South China

Qiulai Wang, Yuping Qi. The Pennsylvanian Neognathodus conodont fauna in the Naqing Section, Guizhou, South China

Nadezhda G. Izokh. Latest Devonian-Early Carboniferous conodonts from the Altai-Sayan Folded Area

Lemuza Z. Akhmetshina, Alena A. Tarasova, Pavel N. Sapoizhnikov. New Kiya – 3 cross-section (Aktyubinsk Oblast)

Tatyana Stukova. Palynostratigraphy of the Upper Tournaisian-Visean terrigenous deposits of Permian Prikamie (Volga-Ural oil-and-gas province)

Anna V. Danilova. Reconstruction of the main stages of palynoflora in Ulimian and Kazanian in the North-Western part of the Timan-Pechora petroleum province

Shirin Fassihi, Masatoshi Sone, Vachik Hairapetian, Fariba Shirezadeh Esfahani. A new Asselian (basal Permian) fusulinid fauna from the Abadeh region, the Sanandaj–Sirjan Zone, Iran

Shirin Fassihi, Masatoshi Sone, Vachik Hairapetian, Fariba Shirezadeh Esfahani. First find of a late Vereian (Moscovian) fusulinid fauna from the basal part of the Absheni Formation in the Shahreza area, the Sanandaj–Sirjan Zone, Iran

**Session. 9 The terrestrial late Paleozoic world: paleosols, lithofacies, and environments**

Fedor A. Mouraviev, Michael P. Arefiev. Loess-paleosol series in the reference section of the Middle-Upper Permian of Monastery Ravine (Kazan Volga Region, Russia)

Andrey O. Alekseev, Tatiana V. Alekseeva, Pavel B. Kabanov. Paleoenvironmental reconstructions for the vicinity of the Moscow sedimentary basin, based on the study of Carboniferous paleosols

Svetlana Pukhonto. The Permian Flora of the Pechora Cisuralia and its researchers
Larissa V. Degtyaryova. Lithology and sedimentology of the Upper Carboniferous of the Eastern Peri-Caspian Depression

Tatiana V. Alekseeva, Andrey O. Alekseev, Stanislav Gubin. The Upper Viséan (Mikhailovian-Venevian boundary) paleosols in the southern regions of the Moscow Basin (Russia)

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Nina B. Donova. The Mid-Carboniferous boundary in continental sections of Angaraland (Minusinsk Depression; Siberian platform)

Valentina A. Zhemchugova, Maria S. Doronina, Andrey I. Leybenko. Sequence stratigraphy of the Upper Paleozoic deposits in the Pechora Sea

Vladimir. N. Kuleshov, Kuliash M. Sedueva. Isotope geochemistry (δ13C, δ18O), lithology and origin of carbonate deposits of Bashkirian Stage southwestern Urals (Askyn river, Bashkortostan)

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Elena N. Gorozhanina, Valery M. Gorozhanin, Tatiana N. Isakova. Voskresenka carbonate massif in the Southern PreUrals as an example of the drowned Late Carboniferous shelf margin

Hans-Georg Herbig. Carbonate Mudmounds from the Serpukhovian of the Southern Urals and the Bashkirian of Northern Spain – Examples of a waning Mississippian ecological window

Valentina A. Zhemchugova, Maria S. Doronina, Andrey I. Leybenko, Natalia A. Kukina. Late Paleozoic carbonate builders of the Southern Norwegian Barents Sea– a new target for hydrocarbon exploration

Oscar A. Merino-Tomé, J.R. Bahamonde, Giovanna Della Porta, V. Chesnel, E. Villa, E. Samankassou, L.P. Fernández. Pennsylvanian microbial carbonate platforms of the Cantabrian Zone (NW Spain): New outcrop analogs for the subsurface reservoirs of the Pricaspian Basin

Elena Kulagina, Nadezhda Kucheva, Tatiana Stepanova, Svetlana Nikolaeva, Vera Konovalova, Barry Richards, Alexander Alekseev, Yuriy Gavotsky, Elena Gorozhanina. Bashkirian bioherms along the Khudolaz River near Sibai, eastern slope of the South Urals, Russia

Andrey N. Sandula. Lithology of Pennsylvanian skeletal mounds, Shchuger River, Subpolar Urals

Session 12-14. Upper Paleozoic oceans and land: climate, evolution, extinctions and recoveries

Gunar A. Mizens, Vladimir N. Kuleshov, Tatiana I. Stepanova, Nadezhda A. Kucheva. Late Devonian - Early Carboniferous on the western Ural: Isotope Geochemistry (δ13C, δ18O) and palaeoecological Events

Elena N. Gorozhanina, Elena I. Kulagina, Valery M. Gorozhanin. The Upper Viséan and Serpukhovian Beds of the southeastern regions of the East European Platform

Zalia A. Kanipova, Elena N.Gorozhanina, Valery M. Gorozhanin. The microfacies of the Lower Pennsylvanian limestones in Akobinka gas field at the Southern PreUralian Foredeep

Session 15. End-Permian mass extinction and Early Triassic recovery

Tea Kolar-Jurkovšek, Bogdan Jurkovšek, Dunja Aljinović, Galina Nestell, Duje Smirčič. Microbial deposits in the Permian/Triassic boundary interval of the Slovenian Dinarides

Tea Kolar-Jurkovšek, Yanlong Chen, Bogdan Jurkovšek, Sylvain Richoz, Dunja Aljinović. An Early Triassic conodont sequence from Slovenia (Mokrice and Idrija-Ziri areas)

Alexander M. Popov, Yuri D. Zakharov. Additional data on brachiopod recovery after end-Permian mass extinction: evidence from the Olenekian brachiopods of Kamenushka sections, South Primorye
Olga P. Smyshlyaeva, Yuri D. Zakharov. New data on phylogenetic relationships of ammonoids evolved after the end-Permian mass extinction: evidence from the inner shell structure of some Olenekian ammonoids from South Primorye

Michael E. Brookfield. Worldwide End Permian Tsunamis: their deposits and genesis

Session 16. Carboniferous and Permian coal and mineral deposits

Lena I. Polufuntikova. Lithogeochemical features of Carboniferous deposits in the Southern Verkhoyansk Region (Republic of Sakha (Yakutia), Russia)

Almaz Mullakaev, Evgeny Dusmanov, Rinat R. Khassanov. The composition and properties of reservoir sandstones of Ufimian stage in the east of Tatarstan in connection with their bituminiferous

Rinas I. Khamadiev, Rinat R. Khassanov. Fossil wood in Permian deposits of Volga-Ural region as an indicator of their sedimentation conditions

Olga S. Kotik. Composition features of the Permian coals of the Pechora basin

Sergey V. Ryabinkin. Some uncertainties, and new possibilities, for a graphostatistical method of element analysis (in coals)

Svetlana Malenkina. The Lower Carboniferous phosphorites in the Moscow Basin

Irina E. Stukalova, Vladimir S. Lebedev, Ariadna V. Ivanova, Ludmila B. Zaitseva. Content and composition of deeply sorbet hydrocarbon gases in coals of the Donbass and degree of coal metamorphism

Session 17. Eurasian conventional and unconventional hydrocarbon systems

Gennadii V. Sonin, Nikolay N. Neprimerov, Olga G. Sonina. A hypothesis for archaeabacterial hydrocarbon biosynthesis in sulphidian hydrothermal vent

Irina P. Zinatullina. Investigation of lithotypes of carbonate rocks from the Upper Tournaisian in the south-east of Tatarstan

Tatyana V. Karaseva, Galina Y. Ponomareva, Ivan S. Khopta. Geochemical characteristics of organic matter in the rocks of the Ladeiny section (Perm region)

Michael Stephenson, Giovanna Della Porta, Lucia Angiolini, Flavio Jadoul, Melanie Leng, Brian Horsfield, Shengyu Yang, Monica Dapiaggi, Vanessa Banks. Bitumen in brachiopod shells and shell beds from the Brigantian (Visean, Mississippian) Eyam Limestone Formation

Nouirya D. Nurgalieva, Nouirya G. Nurgalieva. New processing techniques for estimation reservoir properties of carbonate rocks

Session 18. Marine-Non-marine Carboniferous and Permian Correlation


Ellen Stolle. Thymospora (Wilson & Venkatachala) Alpern & Doubinger, 1973: Unusually early occurrences of spores in the Pennsylvanian of NW Turkey (earlier than in the standard stratigraphic models)
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The meeting will consist of concurrent sessions of talks, each of 20 minutes (including questions and discussion). Speakers will normally be limited to one presentation (talk) at the meeting. Individuals may participate as a non-presenting coauthor on additional talks.

The Poster Session is combined with Coffee breaks on 11–12 and 14–15 August. Individuals may participate in as many posters presentations as they wish.

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The official languages of the meeting are Russian and English. The working language for the scientific program and all business of the meeting is English.

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**Contacts**

Vladimir V. Silantiev, Congress General Secretary
Milyausha N. Urazaeva, Assistant Secretary
Institute of Geology and Petroleum Technologies
Kazan (Volga region) Federal University
Kremlevskaya St., 4/5
Kazan, Republic of Tatarstan, Russian Federation

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