**Program-agenda**

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| **November 18th** | | | | |
| Time | Speaker | Presentation Title | Institute | Chair |
| 11:30-12:00 | Rixiang Zhu  Academician of CAS | Habitable Earth: past, present and future | Institute of Geology and Geophysics, CAS | Jun Wang |
| 12:00-14:00 | **Lunch Break** | | | |
| 14:00-14:30 | Sylvie Crasquin  Chair of IPA | Ostracoda, a tool to understand the events of the Late Palaeozoic crises and recoveries | Sorbonne University | Maoyan Zhu |
| 14:30-15:00 | David Harper  Chair of ICS | Early Palaeozoic diversity: What is happening under palaeobiodiversity curves? | Durham University |
| 15:00-15:30 | Degan  Shu  Academician of CAS | Why the Cambrian explosion is three-phased? | Northwest University |
| 15:30-16:00 | ZhengtangGuo  Academician of CAS | “Dual Carbon” Goals and Earth Science | Institute of Geology and Geophysics, CAS |
| 16:00-16:30 | Zhijun  Jin  Academician of CAS | Shale petroleum exploration and development in China: status and prospect | Peking University | Xunlai Yuan |
| 16:30-17:00 | Shuzhong Shen  Academician of CAS | Felsic volcanism as a factor driving the end-Permian mass extinction | Nanjing University |
| 17:00-17:30 | Caineng Zou  Academician of CAS | Paleontology and shale gas | Research Institute of Petroleum Exploration and  Development |
| 17:30-18:00 | Yongxin Pan  Academician of CAS | Scientific objectives of Mars exploration Tianwen-1 | Institute of Geology and Geophysics, CAS |
| **Dinner** | | | | |

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| **November 19th** | | | | |
| Time | Speaker | Presentation Title | Institute | Chair |
| 08:30-09:00 | Andrew Knoll  Academician of NAS | The Early Evolution of Eukaryotes | Harvard University | Renbin  Zhan |
| 09:00-09:30 | Peter Crane  Academician of NAS | The Mesozoic Fossil Record and the Origin and Early Evolution of Angiosperms | Yale University |
| 09:30-10:00 | Isabel Montañez  Academician of NAS | An integrated proxy and model perspective on the Late Paleozoic Earth System | University of California, Davis |
| 10:00-10:30 | Yigang  Xu  Academician of CAS | Deep Earth processes and habitable Earth | Guangzhou Institute of Geochemistr-y, CAS |
| 10:30-11:00 | Xianhua Li  Academician of CAS | Advances in research on Chang’E-5 basalts | Institute of Geology and Geophysics, CAS | Jun Wang |
| 11:00-11:30 | Shucheng Xie  Professor | Geomicrobial functional groups: from innovative methods to geological applications | China University of Geosciences （Wuhan） |
| 11:30-12:00 | Min Zhu  Research Professor | Silurian marine red beds in South China and the rise of jawed vertebrates | Institute of Vertebrate Paleontology and Paleoanthropo-logy, CAS |
| 12:00-12:20 | Xingliaing Zhang  Professor | From DOC to TOC | Northwest University |
| 12:20-14:00 | **Lunch Break** | | | |

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| **November 19th** | | | | |
| Time | Speaker | Presentation Title | Institute | Chair |
| 14:00-14:20 | Xing Xu  Research Professor | China’s dinosaur paleontology: retrospect and prospect | Institute of Vertebrate Paleontology and Paleoanthropo-logy, CAS | Yuandong Zahng |
| 14:20-14:40 | Zhongqiang Chen  Professor | Evolution during Permian-Triassic transition: a computational paleontological perspective | China University of Geosciences （Wuhan） |
| 14:40-15:00 | Shenghui Deng  Research Professor | Paleontology reveals regional unconformities in the Ordovician of Sichuan and Tarim basins | Research Institute of Petroleum Exploration and  Development |
| 15:00-15:20 | Chao Li  Professor | Oxidation of the Ediacaran-early Cambrian oceans | China University of Geosciences （Wuhan） |
| 15:20-15:40 | Yichun Zhang  Research Professor | The opening time and southern extension of the Mesotethys Ocean: evidences from stratigraphical and palaeontological records | Nanjing Institute of Geology and Palaeontology, CAS |
| 15:40-16:00 | Bo Wang  Research Professor | Chinese amber biotas | Nanjing Institute of Geology and Palaeontology, CAS |
| 16:00-16:20 | Gongle Shi  Research Professor | Mesozoic seed ferns and the origin of angiosperms | Nanjing Institute of Geology and Palaeontology, CAS | Bo Wang |
| 16:20-16:40 | Guangxu Wang  Associate Research Professor | Ordovician stratigraphy on the western Yangtze Platform of South China | Nanjing Institute of Geology and Palaeontology, CAS |
| 16:40-17:00 | Ke Pang  Associate Research Professor | Cryptic terrestrial fungus-like fossils in the aftermath of Cryogenian global glaciation | Nanjing Institute of Geology and Palaeontology, CAS |
| 17:00-17:20 | Hadi  Jahangiroghli | A brief look at studies on Cambrian-Ordovician interval in Iran and studies ahead | Nanjing Institute of Geology and Palaeontology, CAS |
| 17:20-17:40 | Jeon Juwan | Understanding stromatoporoid development in the Late Ordovician: critical data from China | Nanjing Institute of Geology and Palaeontology, CAS |
| 17:40-18:00 | Clémentine Colpaert | Late Jurassic to Early Cretaceous benthic foraminifers of South Tibet, Tethyan Himalaya | Nanjing Institute of Geology and Palaeontology, CAS s |
| **Dinner** | | | | |