

PROGRAMME

TUESDAY, JUNE 26 (LIUYUAN HOTEL):

10:00-18:00

Registration

18:00-21:00

ICEBREAKER PARTY

WEDNESDAY, JUNE 27 (LIUYUAN HOTEL):

8:00-9:00

OPENING CEREMONY (Chair: RONG Jiayu)

SPEAKERS:

CHEN Xu (CHAIRMAN OF ISOS, CO-CHAIR OF CONFERENCE)

Stan C. FINNEY (VICE CHAIRMAN OF ICS)

Thomas SERVAIS (LEADER OF IGCP 503, CO-CHAIR OF CONFERENCE)

MOU Shuling (SUPERVISOR OF SINOPEC)

YANG Qun (DEPUTY DIRECTOR OF NIGPAS)

9:00-9:50

Axel MUNNECKE (KEYNOTE TALK):

The Silurian - insights from geochemistry

9:50-10:30

GROUP- PHOTO-TAKING AND COFFEE BREAK

SESSION 1 (Chairs: David HARPER & Tatyana KOREN)

10:30-10:50

Stig M. BERGSTRÖM, Seth YOUNG, Birger SCHMITZ, Matthew R. SALTZMAN: Upper Ordovician (Katian) $\delta^{13}\text{C}$ chemostratigraphy: A trans-Atlantic comparison

10:50-11:10

Stanley C. FINNEY, Raymond L. ETHINGTON, John E. REPETSKI: The boundary between the Sauk and Tippecanoe Sloss Sequences of North America

11:10-11:30

Leho AINSAAR, Tõnu MEIDLA, Oive TINN, Tõnu MARTMA, Andrei DRONOV: Darriwilian (Middle Ordovician) carbon isotope stratigraphy in Baltoscandia

11:30-11:50

Arne T. NIELSEN: The early Mid Ordovician of Estonia and western Russia: Palaeoecology, bio- and ecostratigraphy

11:50-12:10

Silvio H. PERALTA: Facies changes in the Silurian of the Precordillera: tecto-sedimentary and paleogeographic significance

12:10-12:30

Derek J. SIVETER, Derek E.G. BRIGGS, David J. SIVETER, Mark SUTTON, Richard A, FORTEY: Exceptionally preserved new arthropods from the Herefordshire (Silurian) Lagerstätte

12:30-14:00

LUNCH and POSTER SESSION

SESSION 2 (Chairs: David HOLLOWAY & Markes JOHNSON)

14:00-14:50

ZHAN Renbin, RONG Jiayu and David HARPER (KEYNOTE TALK)

Succession of Late Ordovician-earliest Silurian brachiopod faunas—South China as a window

14:50-15:10

Oldrich FATKA: Lower and early Middle Ordovician trilobite associations of the Prague Basin (Perunica, Czech Republic)

15:10-15:30

Alan W. OWEN: The last hurrah for the Trinucleidae (Trilobita)

15:30-15:50

Artur A. SÁ, Juan Carlos GUTIÉRREZ-MARCO, Isabel RÁBANO, Manuel VALÉRIO: Palaeontology and stratigraphy of the Ordovician in the Arouca region (central Portugal)

15:50-16:10

COFFEE BREAK and POSTER SESSION

SESSION 3 (Chairs: Jacques VERNIERS & Juan Carlos GUTIÉRREZ-MARCO)

16:10-16:30

David A.T. HARPER, JIN Jisuo, Christian M. Ø. RASMUSSEN, Jan A. RASMUSSEN, Svend STOUGE: Overview of the pentameride brachiopod succession (upper Ordovician—lower Silurian) in Børglum Elv and GB Schley Fjord, Peary Land, North Greenland

16:30-16:50

Daniel GOLDMAN, Stephen A. LESLIE, Jaak NÕLVAK, Seth YOUNG: The Black Knob Ridge section, southeastern Oklahoma, USA: the Global Stratotype-Section and Point (GSSP) for the base of the Katian Stage of the Upper Ordovician Series

16:50-17:10

Oive TINN, Leho AINSAAR, Tõnu MEIDLA, Lars E. HOLMER: Ordovician ostracod diversity and carbon isotope curve in Gullhögen, Sweden

17:10-17:30

Jaak NÕLVAK, Olle HINTS, Peep MÄNNIK, Helje PÄRNASTE: Ordovician timescale in Estonia

17:30-17:50

Christopher A. STOTT, JIN Jisuo: Ordovician-Silurian boundary in cratonic North America

17:50-18:10

DUAN Yun, S. SEVERMANN, A. D. ANBAR, G. GORDON, T. W. LYONS, B. SAGEMAN: Investigation of iron isotope systematics in Middle Devonian anoxic basins

18:30-21:00

CONFERENCE DINNER (SHI-JI-YUAN HOTEL)

THURSDAY, JUNE 28 (LIUYUAN HOTEL):

SESSION 4 (Chairs: Robin COCKS & Alan OWEN)

8:00-8:50

Richard A. FORTEY (KEYNOTE TALK):

Forty years of Lower Palaeozoic geography and biogeography: an evolving story

8:50-9:10

Carlton BRETT, Annalisa FERRETTI, Kathleen HISTON, Hans Peter SCHÖNLAUB: Eustasy and basin dynamics of the Silurian of the Carnic Alps (Austria)

9:10-9:30

Andrei DRONOV, Sergei ROZHNOV: Climatic changes in the Baltoscandian basin during the Ordovician: sedimentological and palaeontological aspects

9:30-9:50

Jacques VERNIERS, Jörg MALETZ, Jiří KRÍŽ, Živilė ŽIGAITĖ, Florentin PARIS, Hans-Peter SCHÖNLAUB, Ryszard WRONA: An overview of the Silurian System of Central Europe

9:50-10:10

COFFEE BREAK and POSTER SESSION

SESSION 5 (Chairs: Andrei DRONOV & Peep MÄNNIK)

10:10-10:30

Svend STOUGE, WANG Xiaofeng, LI Zhihong, WANG Chuanshang, CHEN Xiaohong: Lower to Middle Ordovician faunal evidence from the Yichang area, Hubei Province, South China

10:30-10:50

L. Robin M. COCKS, Trond. H. TORSVIK: Siberia and peri-Siberia: their identities and palaeogeography during the Palaeozoic

10:50-11:10

JIN Jisuo, Paul COPPER, Renbin ZHAN: Species-level response of tropical brachiopods to environmental crises during the Late Ordovician mass extinction

11:10-11:30

Markes JOHNSON, Gudveig BAARLI: Topography and depositional environments at the Ordovician-Silurian boundary in the Iowa-Illinois-Wisconsin region, U.S.A

11:30-11:50

Nikolay V. SENNIKOV, Olga T. OBUT: Silica sedimentation in the Altai Late Ordovician Shelf basin in south West Siberia (Russia)

11:50-12:10

Alan T. THOMAS, S. Jane VEEVERS, Kenneth T. RATCLIFFE, Quentin C. CROWLEY: Sea-level variations on Milankovitch timescales in the Silurian of Wales

12:10-12:30:

Guillermo L. ALBANESI, C. Rubén MONALDI, Gladys ORTEGA, Julie A. TROTTER: The Capillas Formation (late Darriwilian) of Subandean Ranges, northwestern Argentina: age, correlation and environmental constraints

12:30-14:00

LUNCH and POSTER SESSION

SESSION 6A (Chairs: Charles MITCHELL & Mike MELCHIN)

14:00-14:20

Alfred C. LENZ, Anna KOZŁOWSKA: Retiolitid diversification and Silurian sea level changes

14:20-14:40

Charles E. MITCHELL, Daniel GOLDMAN, Susan L. KLOSTERMAN, Jörg MALETZ, H. David SHEETS, Michael J. MELCHIN: Phylogenetic interpretation of the Ordovician Diplogrptoidea

14:40-15:00

ZHANG Yuandong, CHEN Xu: Palaeobiogeographic distribution of *Pseudisograptus* and early biserials in South China and its implication for the origination of major graptolite faunas in the Ordovician

15:20-15:40

J.M. PIÇARRA: Silurian stratigraphy and fauna (graptolites) of the southern part of the Central Iberian Zone (Portugal)

15:40-16:00

Diane H. DAWSON, Michael J. MELCHIN: A possible transitional stage between the resorption porus and the primary porus in early monograptid graptolites

16:00-16:20

COFFEE BREAK and POSTER SESSION

SESSION 7A (Chairs: Stig M. BERGSTRÖM & Svend STOUGE)

16:20-16:40

Michael J. MELCHIN: Biostratigraphic and paleobiogeographic significance of some Aeronian (Lower Silurian) graptolites from the Arisaig Group, Nova Scotia, Canada

16:40-17:00

Charles E. MITCHELL, H. David SHEETS, Kristi BELSCHER, Stanley C. FINNEY, Chris HOLMDEN, Dan F.LAPORTE, Michael J. MELCHIN, William P. PATTERSON: The Hirnantian mass extinction of graptolites

17:00-17:20

Tatyana KOREN, Anna SUYARKOVA: Silurian graptolite biostratigraphy of the Kaliningrad district, Northwest Russia

17:20-17:40

Blanca A. TORO, Jörg MALETZ: Deflexed *Baltograptus* species in the early to mid Arenig graptolite biostratigraphy of northwestern Argentina

SESSION 6B (Chairs: Florentin PARIS & Alain LE HERISSE)

14:00-14:20

F. PARIS, K. BOUMENDJEL, Marie-Pierre DABARD, Jean-François GHIENNE, Alfredo LOI, Peng TANG, Blaise VIDET, Aïcha ACHAB: Chitinozoan-based calibration of Early-Mid Ordovician transgressive events on northern Gondwana

14:20-14:40

Thijs R. A. VANDENBROUCKE, Jan VANMEIRHAEGHE: An emerging Ordovician chitinozoan biozonation for Avalonia

14:40-15:00

TANG Peng, Liang-Yu GENG, Sheng-Hui DENG, Shi-Ben ZHANG, Florentin PARIS, Huai-Cheng ZHU: Chitinozoan biostratigraphy of the Lower Member of the Kalpintake Formation at the Dawangou section, Kalpin, Tarim, and discussion on the Ordovician-Silurian Boundary.

15:00-15:20

Alain LE HERISSE: Phytoplanktonic response to the end Ordovician glaciation on the North Gondwanan Margin and in Baltica

15:20-15:40

Elena RAEVSKAYA: Late Cambrian-Early Ordovician acritarchs from northeastern Baltica (Barents Sea, Arctic Russia)

15:40-16:00

Oliver LEHNERT, Marco VECOLI, Thomas SERVAIS, A. NÜTZEL: Did plankton evolution trigger the Ordovician diversifications?

16:00-16:20

COFFEE BREAK and POSTER SESSION

SESSION 7B (Chairs: Paul COPPER & ZHOU Zhiyi)

16:20-16:40

Olle HINTS, Mats E. ERIKSSON: Biogeography of Ordovician and Silurian jaw-bearing polychaetes

16:40-17:00

Živilė ŽIGAITĖ: The oxygen isotopic ($\delta^{18}\text{O}$) composition of the Silurian early vertebrate biogenic apatite

17:00-17:20

Olga T. OBUT: Ordovician pelagic biota of the epicontinental and marginal seas of the Siberian Platform

17:20-17:40

Jörg MALETZ: Overlooked and ignored: Radiolarians and their biostratigraphic potential in the Ordovician

17:40-18:30: Workshop A: Graptolite Treatise (Chairs: Charles E. MITCHELL & ZHANG Yuandong)

17:40-18:30: Workshop B: Chitinozoan and Acritarch Workshop (Chairs: Thijs R. A. VANDENBROUCKE & Thomas SERVAIS)

18:30-20:00

DINNER

FRIDAY, JUNE 29:

8:00-12:30

MID-CONFERENCE EXCURSION (LEADERS: YUAN Wenwei and FAN Junxuan)

12:30-14:00

LUNCH

14:00-16:00

TOUR TO NANJING MUSEUM

16:00-18:00

TOUR TO FU-ZI-MIAO (CONFUCIOUS TEMPLE) AREA (LEADER: WANG Haifeng)

18:00-20:00

DINNER IN FU-ZI-MIAO

SATURDAY, JUNE 30 (LIUYUAN HOTEL):

SESSION 8 (Chairs: JIN Jisuo & Oldrich FATKA)

8:00-8:50

FAN Junxuan, CHEN Xu, Michael J. MELCHIN, Charles E. MITCHELL (KEYNOTE TALK):
Late Ordovician to earliest Silurian graptolite extinction and radiation-evidences from South China.

8:50-9:10

Silvio H. PERALTA, Carla V. ROSALES: Extensional tectonic controlling the Ordovician evolution of Precordillera terrane, western Argentine

9:10-9:30

Jan Audun RASMUSSEN: Late Ordovician (Katian) cephalopods from Peary Land, North Greenland

9:30-9:50

Oliver LEHNERT, Märten J. ERIKSSON, Mikael CALNER, Michael JOACHIMSKI, Werner BUGGISCH, Jirí FRYDA: Concurrent sedimentary and isotopic indications for global climatic cooling in the Late Silurian

9:50-10:10

COFFEE BREAK

10:10-12:10

VISITING NIGP

12:10-14:00

LUNCH

SESSION 9A (Chairs: Richard FORTEY & Silvio PERALTA)

14:00-14:20

Nikolay V. SENNIKOV: Lithostratigraphy and paleogeography of the Altay-Salair Ordovician basin

14:20-14:40

Juan Carlos GUTIÉRREZ-MARCO, Isabel RÁBANO, Artur A. SÁ, Miguel A. SAN JOSÉ, Agustín P. PIEREN PIDAL, Graciela N. SARMIENTO, José M. PIÇARRA, Juan J. DURÁN, Eleuterio BAEZA, Saturnino LORENZO: Public dissemination of knowledge regarding Ordovician geological and palaeontological heritage in protected natural areas of Iberia

14:40-15:00

Petr BUDIL, Petr KRAFT, Jaroslav KRAFT, Oldrich FATKA: Faunal associations of the Sarka Formation (Middle Ordovician, Darriwilian, Prague Basin, Czech Republic)

15:20-15:40

Björn KRÖGER and Ed LANDING: Dating the onset of the Ordovician Cephalopod radiation evidence from the Rochdale Formation (middle Lower Ordovician, Stairsian) in eastern New York

15:40-16:00

Sergei ROZHNOV: Origin of echinoderms in the Palaeozoic Evolutionary Fauna: ecological aspects

16:00-16:20

Bertrand Y. J. LEFEBVRE: Changes in Late Ordovician (pre-Hirnantian) echinoderm assemblages: palaeoenvironmental and palaeobiogeographical implications

16:20-16:40

Aaron W. HUNTER, B. LEFEBVRE, E. NARDIN, P. Van ROY, S. ZAMORA, S. RÉGNAULT: Preliminary report on new echinoderm Lagerstätten from the Upper Ordovician of the eastern Anti-Atlas, Morocco

SESSION 9B (Chairs: Ian PERCIVAL & Guillermo ALBANESI)

14:00-14:20

Daniel GOLDMAN, Charles E. MITCHELL, Jörg MALETZ, J.F.V. RIVA, Stephen A. LESLIE, Gary J. MOTZ: Ordovician graptolites and conodonts from the Phi Kappa Formation in the Trail Creek Region of Central Idaho: an integrated biostratigraphy

14:20-14:40

Peep MÄNNIK: Telychian-early Sheinwoodian conodont faunas, events and stratigraphy

14:40-15:00

Guillermo L. ALBANESI, Fernando J. ZEBALLO, Stig M. BERGSTRÖM: The *Paltodus deltifer* Zone (late Tremadocian; Early Ordovician) in Argentina: new conodont data for intercontinental correlation and paleobiogeographic analysis

15:20-15:40

Ian G. PERCIVAL, Yong-yi ZHEN: Darriwilian conodonts of Eastern Australia: biostratigraphy

and biogeographic distribution

15:40-16:00

Juan Carlos GUTIÉRREZ-MARCO, Graciela N. SAMIENTO, Clemencia GÓMEZ: First Ordovician conodonts from Colombia

16:00-16:20

Thomas SUTTNER, Oliver LEHNERT, Michael JOACHIMSKI, Werner BUGGISCH: Recognition of the Boda event in the Pin Formation of northern India based on new $\delta^{13}\text{C}$ and conodont data

16:20-16:40

Jorg MALETZ, Sven EGENHOFF, Martina BÖHME, Robert ASCH, Katharina BOROWSKI, Stefan HÖNTZSCH, Moritz KIRSCH: The Elnes Formation of southern Norway: a key to late Middle Ordovician biostratigraphy & biogeography

16:40-17:00

COFFEE BREAK

17:00-17:30

OPEN BUSINESS MEETING OF IGCP 503 (Chair: Thomas SERVAIS)

17:30-18:00

OPEN BUSINESS MEETING OF ISOS
OPEN BUSINESS MEETING OF ISSS

18:00-18:20 (Chair: CHEN Xu and RONG Jiayu)

OPEN DISCUSSION ON PROPOSALS FOR THE NEXT ISOS-ISSS MEETING AND OTHERS

18:20-18:30

CLOSING CEREMONY (Chair: CHEN Xu)

SPEAKERS

James OGG (SECRETARY OF ICS)

RONG Jiayu (CHAIRMAN OF ISSS, CO-CHAIR OF CONFERENCE)

18:30-18:50

ZHAN Renbin and JIN Jisuo: TIPS FOR POST-CONFERENCE EXCURSION

18:50-20:00

DINNER

SUNDAY, JULY 1 (LIUYUAN HOTEL):

DEPARTURE FOR POST-CONFERENCE EXCURSION