



SOUTH AUSTRALIA 2006

**11th INTERNATIONAL CONFERENCE OF THE CAMBRIAN STAGE
SUBDIVISION WORKING GROUP**

INTERNATIONAL SUBCOMMISSION ON CAMBRIAN STRATIGRAPHY

**August 14–24, 2006
South Australia**

PLENARY SESSION PROGRAM, THURSDAY AUGUST 17, PIRSA

DRAFT ONLY – 26 JULY 2006

9.00 – 9.20 Welcome.

Chairs: Shanchi Peng and Linda McCollum

9.20– 9.40. Landing, E., Westrop, S. R. & Keppie, J. D. Cambrian-Ordovician boundary interval in Mexican northwest Gondwana – the Tinu Formation of Oaxaca State

9.40 – 10.00. G. Geyer & B. Buschmann. A new earliest Middle Cambrian faunule from Saxony (Germany) and its bearing on the tectonostratigraphic history of the Saxothuringian domain.

10.00.–10.20. Ahlberg, P., Axheimer, N., Eriksson, M. E., Schmitz, B. & Terfelt, F., High-resolution trilobite biostratigraphy and carbon isotope stratigraphy of the middle Cambrian-lower Furongian of Baltica.

10.20 – 10.40. Fletcher, T. P., Some trilobite ranges in the *hicksii* and *dauidis* zones (*fissus-punctuosus* zones)

10.40. – 11.10. MORNING TEA

Chairs: Malgosia Moczydlowska and Per Ahlberg

11.10 – 11.30. Peng Shanchi, Babcock, L., Lin Huanling, Zuo Jingxun, Zhu Xuejian, Zhou Chaunming, Yang Xianfeng, Qi Yueping & Li Quan, Potential Global Standard Stratotype-sections (GSSPs) for the unnamed Cambrian Stage 7 and Stage 9 at Luoyixi, NW Hunan and Duibian, W Zhejiang, South China.

11.30.–11.50. Lin Jih-Pai, On the origin of some Cambrian arthropods.

11.50 – 12.10. Garcia-Bellido, D. C., Paleoaecoscolecoid worms from the Cambrian of Spain: Burgess Shale and Orsten-type preservation.

12.10 – 12.30. Wotte, T., The Lower-Middle Cambrian fauna from the Cantabrian Mountains (north-western Spain): palaeoenvironmental and palaeobiogeographical considerations.

12.30 – 12.50. Skovsted, C. B. *Dailyaitia* sclerites from the Arrowie Basin – unexpected taxonomic diversity and morphological complexity of a Lower Cambrian problematicum.

12.50 – 1.40. LUNCH

Chairs. Duck Choi and Jim Jago

1.40 – 2.00. Brock, G. A., Skovsted, C. B., Holmer, L. E. & Paterson, J. R. A preliminary brachiopod biostratigraphy for the Lower Cambrian of the Flinders Ranges, South Australia



2.00 – 2.20. Paterson, J. R & Brock, G. A. A new trilobite assemblage from the *Pararaia bunyeroensis* Zone (Early Cambrian, South Australia) and its biostratigraphic significance.

2.20 – 2. 40. Zhu Maoyan. The first series of the Cambrian in South China: Subdivisions and correlations.

2.40 – 3.00. Li Guoxiang, Zhu Maoyan, Zhang Junming & M. Steiner. Bio- and carbon isotope stratigraphy of the lower Cambrian in eastern Yunnan and the subdivision of the first series of the Cambrian.

3.00 – 3.20. Sun Weiguo. The Chengjiang fauna: A unique window into the Cambrian Explosion

3. 20 – 3. 40. AFTERNOON TEA

Chairs. Gerd Geyer and Ed Landing

3.40 – 4.00. M. Moczydlowska & W. L. Zang. Biodiversity of Early Cambrian acritarchs and their life cycle.

4. 00 – 4.20. Perejon A., Moreno-Eiris E. & Menéndez S. Archaeocyathan biostratigraphy and palaeobiogeography of the southwestern margin of Gondwana.

4.20 – 4.40. Lee S. B., Lee, D. C. & Choi, D. K. The trilobite family Missisquoidae Hupé, 1955: systematics, evolution and paleogeography.

4.40 – 5.00. McCollum, L. & Sundberg, F. Distribution of agnostids and oryctocephalids within the Laurentian Delamaran Stage.

5.00 – 5.20. Luo Kunli & Hollingsworth, J. S. The sequence and geochemistry of the Precambrian-Cambrian boundary interval in the southern Qinling Mountains, central China.

POSTERS

Luo Kunli Quartzite and chert breccias, Precambrian-Cambrian boundary interval, North China Plate

Parkh, T. Y., Han, Z. Z., Bai, Z. Q. & Choi, D. K. The Middle Cambrian trilobite *Cyclolorenzella Kobayashi* 1960 and related genera from Korea and China: morphometric analysis and taxonomic revision.

Smith, M. Predatory drill holes in *Lapworthella fasciculata* from the Wilkawillina Limestone, Wilkawillina Gorge, Flinders Ranges, South Australia.

Sohn, J. W. & Choi, D. K., Revised Middle to Upper Cambrian trilobite biostratigraphy of the Sesong and Hwajeol formations, Taebaek Group, Taebaeksan Basin, Korea.

Topper T. P. The identity of the Mongolitulus animal and documentation of small sahelly fossils from the upper Mernmerna Formation at Donkey Bore Syncline, Central Flinders Ranges, South Australia.

Zhu Xuejian & Peng Shanchi, On *Shergoldia* Zhang & Jell, 1987 (Trilobita) and the Tsinaniidae.



PLENARY SESSION PROGRAMME, MONDAY AUGUST 21, LEIGH CREEK

Chair. J. Jago

7.30 – 8.00. Cooper, B. J. & Jago. J. B. History of Cambrian studies in South Australia (1836-1990) with particular reference to the biostratigraphy

BREAK FOR REFRESHMENTS

8.20 – 8.40. Geyer, G., Elicki, O., Fatka, O & Zylinska, A., The Cambrian in Central Europe: are palaeocontinents recognizable?

8.40 – 9.00. Hollingsworth J. S. Early Cambrian trilobites in western Laurentia suggest that a thick unfossiliferous siliciclastic sequence correlates with thin, unfossiliferous carbonates in Siberia.

9.20 – 9.40. Perejon A., Moreno-Eiris E. & Menéndez S. Archaeocyathan biostratigraphy and palaeobiogeography of the southwestern margin of Gondwana.

9.40-10.00 Babcock, L. E. & Ciampaglio, C. N. Frondlike fossil from the Cambrian of Georgia, USA: another holdover from the Ediacaran biota