

Pre-Rodinia**0830-0845**

Introduction and Welcome

0845-0905	invited	David Evans	Quantitative pre-Rodinia Reconstructions
0905-0920		Svetlana Bogdanova	Baltica between Columbia and Rodinia: Implications for Columbia
0920-0935		Natalia Lubnina	Archaean Supercontinental Cycle: Geological and Palaeomagnetic pros and cons
0935-0950		Sergei Pisarevsky	New Palaeomagnetic and Geochronological Evidence for the Mesoproterozoic Supercontinent from Siberia and Baltica
0950-1005		Johanna Salminen	Palaeomagnetic Study of the 1122 Ma Salla Diabase Dyke Northern Finland - Timing Amalgamation of Rodinia
1005-1020		Andy Biggin	Palaeomagnetism of the 3.3 to 3.5 Ga Onverwacht Group of the Barberton Greenstone Belt, South Africa: possible implications for geomagnetic field behaviour, continental drift, and the Vaalbara hypothesis in the Palaeoarchaeon
1020-1030	discussion		

1030-1100**MORNING COFFEE****TPW and Geodynamics**

1100-1120	invited	Zheng-Xiang Li	Supercontinent-Superplume Coupling and TPW? A Case for Whole Mantle Top-Down Tectonics?
1120-1140	invited	Shijie Zhong	A 1-2-1 Model for Mantle Structure Evolution and its Implications for Supercontinent Process and Magmatism.
1140-1155		Adam Maloof	Testing TPW Hypothesis for Coincident Palaeomagnetic, Isotopic and Sea Level Change in the Middle Neoproterozoic of Australia
1155-1210		Nick Swanson-Hysell	Symmetric Geomagnetic Reversals in 1.1Ga Keweenawan Basalt Flows and the Rapid Equator-ward Motion of Laurentia
1210-1230	discussion		

1230-1340**Lunch****PETROLEUM**

1340-1400	invited	Galen Halverson	Late Neoproterozoic Biogeochemical Change and the Emergence of a Habitable Planet
1400-1420	invited	Johnathan Craig	Precambrian Petroleum Systems and the Palaeobiological Characterization of Precambrian Source Rocks.
1420-1440	invited	Alan Collins	The Palaeogeography of the North Gondwanan Ediacaran-Cambrian Petroleum Province
1440-1455		Alan Rooney	Re-Os Organic Rich Sediment Geochronology: Implications for Absolute Age Constraints of Proterozoic Sedimentary Basins
1455-1500	discussion		

1500-1530**AFTERNOON TEA****OCEANS**

1530-1550	invited	Graham Shields	Neoproterozoic Oxygenation: Geochemical Evidence and Possible Causes
1550-1605		Gawen Jenkins	The ~800 Ma Bitter Springs anomaly in the Tambien Group, Ethiopia
1605-1620		Phil Schmidt	Palaeomagnetism, Magnetic Anisotropy and Palaeolatitude of Cryogenian and Ediacaran Strata, South Australia
1620-1635		David Lowry	The Neoproterozoic Dalradian Supergroup of Scotland: Stable Isotopic Evidence for Changing Climate, Ocean Chemistry and Oxygenation
1635-1650		Franck Delpomdor	Microstructures within Glaciogenic Neoproterozoic Diamictites around the Congo River Basin (CRB) in Democratic Republic of Congo – a Comparative Micromorphological Study
1650-1715	discussion		

1730 Buffet Dinner**1900 Public Lecture and wine reception at the Dynamic Earth Centre, Edinburgh (1930-2300).**

15 minute walk from the Carlton Hotel

Australia/Antarctica/Africa in Rodinia

0830-0850	invited	Chris Hawkesworth	The Continental Record - Episodic Crustal Growth or Biased Preservation?
0850-0905		Daniel Dunkley	Chronostratigraphy of the East Antarctic-African Orogen at Lützow-Holm Bay (40°E), East Antarctica: Azania into Antarctica?
0905-0920		Mark Fanning	Links Between the Belt-Purcell Basin and the Gawler Craton, Significance for Rodinia Reconstruction
0920-0940	invited	Peter Betts	Accretionary Processes in Precambrian Australia with Implications for Correlation with Laurentia
0940-0955		Christopher Adams	Rodinia in Zealandia? Evidence from Detrital Zircon Age Patterns of Phanerozoic Sedimentary Rocks in New Zealand

0955-1000 discussion

1000-1030 MORNING COFFEE

Australia/Antarctica/Africa in Rodinia

1030-1050	invited	John Goodge	Discovery of Grenville-age and Older Proterozoic Crustal Rocks along the Palaeo-Pacific Margin of East Antarctica: Implications for the Ice-Covered East Antarctic Shield and Geologic Ties to Western Laurentia
1050-1110	invited	Udo Zimmerman	What was Wrong with the Kalahari Craton?
1110-1125		Luc Tack	The Mesoproterozoic "Kibaran Event" in Central Africa: a 1375 Ma Intracratonic Emplacement of a Large Igneous Province (LIP)
1125-1140		Max Fernandez-Alonso	The Northeastern Kibaran Belt (NKB): a 1250 Ma-long Proterozoic Intracratonic History in Central Africa Punctuated by Two Orogenic Events at 1.0 and 0.55 Ga.
1140-1155		Joe Meert	India's Place in Rodinia and Gondwana
1155-1210		Kamleshwar Ratre	Evidence of Eoarchean Crust in the Bastar Craton and New Zircon U-Pb SHRIMP Geochronology for the 1.4-0.51 Purana Basin (Khariar), E India

1210-1230 discussion

1230-1330 LUNCH

Baltica/Laurentia/Siberia in Rodinia

1330-1350	invited	Brendan Murphy	Supercontinent Reconstruction from Recognition of leading continental Edges
1350-1405		Bernard Bingen	Recycling of the Sveconorwegian Orogen: Detrital Zircon Data from the Lower and Middle Allochthons of the Scandinavian Caledonides.
1405-1420		Charles Gower	An Indentor Tectonic Model for the Eastern Grenville Province and Implications for the Reconstruction of Rodinia
1420-1435		Ake Johansson	Baltica, Amazonia and the SAMBA connection
1435-1450		Andrey Khudoley	U-Pb Detrital Zircon Geochronology of Meso-Neoproterozoic Sandstones of the Siberian Craton: Constraints for the Laurentia Connection

1450-1500 discussion

1500-1530 AFTERNOON TEA

South America in Rodinia

1530-1550	invited	Ian Dalziel	Rodinia-Pannotia and Pannotia-Gondwana Transitions
1550-1605		Wilson Teixeira	A Review of the Sunsas Belt, SW Amazon Craton
1605-1620		Heinrich Bahlburg	Timing of Crust Formation and Recycling in Accretionary Orogens: The Detrital Zircon U-Pb and Hf, and the Whole-rock Nd Isotope Evidence of Devonian to Permian Turbidite Deposits of the Gondwana Margin in Northern Chile.
1620-1635		Mauricia Ibañez-Mejia	The Northwestern Amazon Craton and its Extension Beneath the North Andean Foreland Basins: Preliminary Geochronological and Petrographic Results and Implications for Rodinia Reconstructions.
1635-1640		Bodo Weber	U-Pb and Lu-Hf Isotope Systematics of Zircons from Mesoproterozoic Lower Crust of Mexico: A Useful Tool for Rodinia Correlations.

1640-1730 discussion

1930 Conference Dinner, Carlton Hotel

2100-0100 Ceilidh, Carlton Hotel

Rifting of Rodinia

0900-0915		David Chew	New Constraints on the Magmatic Record of NE Laurentia from the Opening to the Closing of the Iapetus Ocean
0915-0930		Henry Halls	Enigmatic Paleomagnetic Results from the Western End of the Grenville Dyke Swarm
0930-0945		Larry Lawver	An alternative Iapetus Ocean – from initiation to closure and slightly beyond
0945-1000		Ewa Krzeminska	Neoproterozoic Flood Basalt Formation in Eastern Poland and Western Ukraine: the remnant of Rodinia Rifting
1000-1015		Valery Vernikovsky	The 710-630Ma Subduction-Accretion Events and Rift-related Alkaline Magmatism along the Western Margin of Siberia: to the Problem of Rodinia Break-up
1015-1030	discussion		

1030-1100 MORNING COFFEE**Scotland**

1100-1120	invited	Peter Cawood	Neoproterozoic Orogeny Along the Margin of Rodinia: Development of the Valhalla Orogen, North Atlantic
1120-1135		Phil McCausland	Neoproterozoic Laurentia, the elusive keystone
1135-1150		Penelope Lancaster	Crustal Evolution in NW Scotland through U-Pb, O ₁₈ and Hf in Detrital Zircons
1150-1205		Kathryn Cutts	Neoproterozoic Metamorphic Evolution of the N Atlantic
1205-1220		Anna Bird	Age Resolution of Polymetamorphic Events in the Scottish Northern Highlands using Lu - Hf, Sm - Nd and Rb - Sr methods.
1220-1230	discussion		

1230-1330 LUNCH**1430 depart for the field trip**

Posters (in alphabetical order)

Cesar Casquet Martin, C.W.Rapela, R.J.Pankhurst, E.Baldo, C.Galindo, J.Saavedra	Palaeoproterozoic terranes in southern S America: accretion to Amazonia, involvement in Rodinia formation and further W Gondwana accretion
Nathalie Grassineau & D.Lowry	Stable Isotopic Correlations Across the Neoproterozoic Dalradian Supergroup of Scotland and Ireland
Nikolay Kusnetsov	Timanian Segment of Neoproterozoic Passive Rodinia Margin: The First Results of Dating (U/Pb) and Isotopic-geochemical Study of Detrital Zircons from the Neoproterozoic Sandstones of the Djéjim-Parma Hills, Southern
Graeme Nicoll, G. Straathof & J. Tait	Provenance analysis and tectonic setting of Neoproterozoic sediments within the Taoudeni Basin, Northern Mauritania.
P. H. Macey, R. J. Thomas, G. H. Grantham, B. Ingram, J. Jacobs, R. A. Armstrong, M. P. Roberts, L. Hollick, B. Bingen, G. de Kock, T. Bjerkgård, I. Henderson, M.Cronwright, A. Solli, Ø. Nordgulen, G. Viola, G. Motuza, E. Daudi, V. Manhica	Mesoproterozoic geology of the Nampula Sub-province, northern Mozambique
Graeme Nicoll, U. Zimmerman & J. Tait	Provenance analysis and tectonic setting of Neoproterozoic sediments on the Varanger Peninsula, Northern Norway.
Nick Roberts, T.Slagstad & M.Marker	SW Fennoscandia in the formation and break-up of Rodinia (1): 1.8-1.0 Ga crustal growth and Sveconorwegian reworking.
Nick Roberts	SW Fennoscandia in the formation and break-up of Rodinia (2): insights from the Hardangervidda-Ryfyle Nappe System.
Leonid Shumlyansky, P.G. Andreasson & K. Billström	Multistage Evolution of Initial Melts of the Volyn Continental Flood Basalt: Implications for the Break-up of Rodinia
Leonid Shumlyansky, C.D.Storey & C.J.Hawkesworth	²⁰⁷ Pb/ ²⁰⁶ Pb age and Hf isotope composition of detrital zircons from the Polissya Series metasediments, western part of Baltica and their possible sources.
Grazina Skridlaite, S. Bogdanova, B. Baginski, M. Whithouse	Mesoproterozoic metamorphism and magmatism in the western part of East European Craton: evidence of c. 1.5 Ga orogenesis in Lithuania.
Gijs Straathof, J. Tait & U. Zimmerman	Palaeogeography of the Congo Craton from Rodinia to Gondwana
Valentin Kanda Nkula, Luc Tack, D.Delvaux, E.Kadima, F. Delpomdor, A.Tahon, P.Dumont, M.Hanon, M.Fernandez-Alonso, D. Baudet, S. Dewaele, E. Cibambula & Ch. Mpiana	The 1,000m thick Redbeds sequence of the Congo River Basin (CRB): a generally overlooked testimony in Central Africa of post-Gondwana amalgamation (550 Ma) and pre-Karoo break-up (320Ma).
Shihong Zhang, Y.G. Han, J.Dong, H.C. Wu, Z.X. Li, H.Y. Li, Z.D. Bai	A combine geochronological and paleomagnetic study of the Xionger Group and Proterozoic paleogeographic position of the North China Craton