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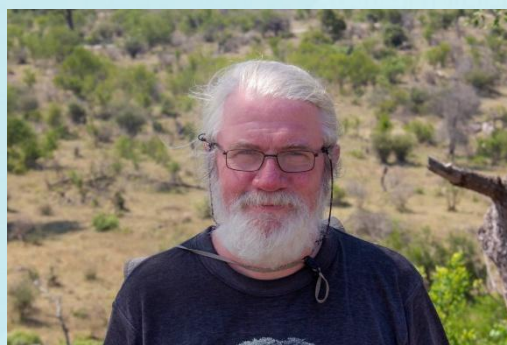
Fossil Wood Assemblage from the Miocene Jialai–Nanbao Basin (Hainan, South China): New Insights into Gondwanan Floristic Dispersal and the Evolution of Mangrove Vegetation

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报告人及报告简介:

Prof. Alexei A. Oskolski is a distinguished seed plant anatomist and morphologist with worldwide renown in wood/bark anatomy, plant structural evolution and comparative morphology. His research integrates extant and fossil plant anatomy to unravel seed plant functional adaptation, phylogeny, palaeobiogeography and ancient vegetation dynamics, with long-term cooperative studies on East Asian Paleogene–Neogene fossil woods together with Chinese teams.

He began the research career at the Komarov Botanical Institute (St. Petersburg, Russia), where he completed his PhD and advanced to the position of Leading Researcher. Now, he works as Associate Professor & Deputy Department Head at the University of Johannesburg, South Africa. Over his academic career, he has published over 120 peer-reviewed papers, co-supervised PhD students across China and Europe, and won international structural botany awards.

As core member of the International Association of Wood Anatomists (IAWA), he once served on IAWA Council, chairs multiple global botanical symposium, and is organizing the 2026 Afro-European Wood and Bark Anatomy Conference. He acts as associate editor for two authoritative international botany journals and frequently delivers keynote speeches at palaeobotany and earth science conferences across Asia, Europe and Africa.

This presentation will focus on fossil wood assemblages recovered from the Early to Middle Miocene strata of the Jialai–Nanbao Basin, Hainan Island, South China. These materials provide novel insights into low-latitude paleofloral assemblages, Gondwanan floristic dispersal from Australia to East Asia, and the evolutionary history of mangrove vegetation across the Middle Miocene Climatic Optimum.

