

Seminar Schedule

Sunday 19 September

12:00
pm

Geoheritage: Protecting Western Australia's rock stars

Dr. Sarah Martin — Palaeontologist for the State Geoscience Branch of the Dept. of Mines, Industry Regulation and Safety

This talk introduces the concept of geoheritage, exploring how geoheritage sites are identified and managed in WA and the ways we can all be involved in protecting the states' geological heritage (30 minutes).

12:40
pm

Gold Fingerprinting

Lena Hancock — Senior Geologist for Geological Survey and Resource Strategy Division of the Dept. of Mines, Industry Regulation and Safety

Gold has a fingerprint; a complex of physical and chemical grain characteristics from different geological settings. Discover the array of diagnostic features that can be used to trace gold and its subsequent applications in mineral exploration and forensic investigations (20 minutes).

1:10
pm

The Mineral Heritage of Newmont

Stephen Turner — Chief Geologist, Asia Pacific Region for Newmont Mining

Newmont Mining Corporation is currently the world's largest gold miner. Since its inception 100 years ago, Newmont has developed a legacy of mineral donations, including the "Newmont Azurite" from Namibia, once touted as the world's most highly valued mineral specimen. Explore Newmont's rich history of specimen discoveries in this exciting talk by the corporation's Chief Geologist (30 minutes).

1:50
pm

Mining, Mineralisation and Genesis of Azurite Suns

Dehne McLaughlin — Artisanal Miner at Malbunka Copper Mine

Azurite Suns form unlike any other azurite specimen in the world and have been the subject of numerous academic papers and publications. Discover the formational processes associated with these unique specimens from Dehne McLaughlin; who has spent the last 12 years mining Malbunka using only electric driven hand tools and traditional room and pillar mining techniques (30 minutes).

2:30
pm

Founding of The World's Largest Gold Nugget

Leonie Ackley — Descendant to the discoverers of the Welcome Stranger

This talk explores the history of Welcome Stranger gold nugget — the largest singular nugget ever found in the world. Discover how two prospectors back in 1869 first hid their discovery, what happened to the gold and how some of that nugget has recently found its way to the Perth Mint (30 minutes).