

**FINAL
ANNOUNCEMENT**



CONFERENCE ON THE DEVELOPMENT OF PRIMARY TIN DEPOSITS IN MALAYSIA

“Revisiting Malaysia’s Potential for Mining of Primary Tin Deposits”

**THURSDAY
16
NOVEMBER 2023**



**SUNWAY PUTRA
HOTEL**
JALAN PUTRA
KUALA LUMPUR
MALAYSIA

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INTRODUCTION

Historically, Malaysia was for several decades the world's most prolific producer of tin. The outputs were mostly from alluvial sources as they were the low hanging fruits, easily accessible and mined. With the exception of the Sungai Lembing mine, once the largest hardrock underground tin mine in the world, tin from primary hard rock sources were under-explored and largely untapped.

Geologists have long discovered that virtually every style of primary tin mineralisation exists in Peninsular Malaysia, including pneumatolytic-hydrothermal lodes, pyrometasomatic skarns, tin-bearing pegmatites and aplites, and stanniferous polymetallic sulphide bodies. These tin deposits are spatially and genetically related to granitoids in Peninsular Malaysia, disposed in two belts, namely the Western Tin Belt and Eastern Tin Belt. This makes Peninsular Malaysia an elephant country and a happy hunting ground for the discovery of large economic primary hard rock tin deposits.

The global tin industry has evolved substantially over the years in terms of economics, exploration and extraction technologies, tin applications and its recognition as a critical technology metal, and supply/demand. The current scenario and future outlook depict tin as a globally sought-after commodity, now and in the years to come.

It is time to capitalise on Peninsular Malaysia's fortuitous location at the southern end of the Southeast Asian Tin Belt where hidden opportunities exist for the discovery of large economic primary tin deposits in the Western and Eastern Tin Belts.

This Conference serves to highlight the under-explored and potential for the discovery of large primary hard rock tin deposits in Peninsular Malaysia through comprehensive exploration as well as the need for proven or new technologies in dealing with mineral processing and metallurgical challenges for the recovery of tin from metallurgically complex ores.

OBJECTIVES

- ▶ Highlighting the enormous potential for the discovery of new economic tin deposits in Peninsular Malaysia through the process of resource review and evaluation;
- ▶ Highlighting the availability of new and advanced exploration, mining and mineral processing technology which would enhance the search for, and extraction of, tin deposits as well as production of tin concentrate and metal therefrom;
- ▶ Assessing the current the legal framework and fiscal regime, and recommending the changes needed to encourage mineral resource development and attract mineral investment from both domestic and foreign sources; and
- ▶ Highlighting the encouraging forecast of the outlook of the global tin industry.

CONFIRMED SPEAKERS



P.GEOL. DR TEH GUAN HOE
Industry Consultant
Malaysia



DATO' P.GEOL. SIA HOK KIANG
Malaco Mining Sdn Bhd
Malaysia



P.GEOL. MADZLAN ZAM
Rahman Hydraulic Tin Sdn Bhd
Malaysia



DR JOE XIE JIANJIAO
Yunnan Tin Australia



DR SHENGLI ZHAO
ALS Metallurgy Australia



P.GEOL. DR MOHD ROZI UMOR
Department of Earth Sciences and Environment,
Faculty of Science and Technology,
Universiti Kebangsaan Malaysia



P.GEOL. FAKHRUDDIN AFIF FAUZI
Kedah/Perlis/Pulau Pinang State Office
Department of Mineral and Geoscience Malaysia



MR COSTANTINE JOANNES
Mineral Research Centre
Department of Mineral and Geoscience Malaysia

PROGRAMME

THURSDAY

16

NOVEMBER 2023

Time	Event	Speaker(s)
08:00	Conference Registration <i>(Level 9, Ballroom 2)</i>	
09:00	Welcome Remarks	YBhg Dato' Seri Mohd Ajib Anuar Chairman, Tin Industry (Research and Development) Board President, Malaysian Chamber of Mines
09:30	Speech & Opening Ceremony	YBhg Datuk P.Geol. Zamri Ramli Director General, Department of Mineral and Geoscience Malaysia
10:00	Refreshment Break Networking <i>(Foyer)</i>	
Session Chairperson: P.Geol. Teoh Lay Hock		
10:30	Exploration strategies for primary tin deposits in Peninsular Malaysia.	P.Geol. Dr Teh Guan Hoe Industry Consultant Malaysia
11:00	Sungai Lembing: Can we find another one?	Dato' P.Geol. Sia Hok Kiang Malaco Mining Sdn Bhd Malaysia
11:30	Economic primary tin deposits, how to look for one: Our experience at RHT.	P.Geol. Madzlan Zam Rahman Hydraulic Tin Sdn Bhd Malaysia
12:00	Revitalising Blue Tier Tinfield in Tasmania, Australia: A case study and its implications.	Dr Joe Xie Jianjiao Yunnan Tin Australia
12:30	Networking Lunch <i>(Level 9, Coffee House)</i>	
Session Chairperson: P.Geol. Teoh Lay Hock		
14:00	Recent advances in metallurgical assessment of tin ores.	Dr Shengli Zhao ALS Metallurgy Australia
14:30	Application of induced polarised and resistivity methods to investigate the extension of primary tin deposits in the Sungai Lembing Tin Mine, Kuantan, Pahang, Malaysia.	P.Geol. Dr Mohd Rozi Umor Department of Earth Sciences and Environment Faculty of Science and Technology Universiti Kebangsaan Malaysia
15:00	In search of primary tin deposits: The discovery of greisen tin in Karangan, Kulim, Kedah.	P.Geol. Fakhruddin Aff Fauzi Kedah/Perlis/Pulau Pinang State Office Department of Mineral and Geoscience Malaysia
15:30	Enhancing tin grade by removing siderite from primary tin ore.	Mr Costantine Joannes Mineral Research Centre Department of Mineral and Geoscience Malaysia
16:00	Refreshment Break Networking <i>(Foyer)</i>	
16:30	Panel Discussion: "Revitalising the Primary Tin Mining Industry in Malaysia - Issues and Challenges"	Moderator: Assoc Prof. Ir Dr Syed Fuad Saiyid Hashim Panelists: Tuan Hj Kamaruddin Abdullah Dato' P.Geol. Sia Hok Kiang Dr Joe Xie Jianjiao P.Geol. Dr Teh Guan Hoe
17:30	Closing of Conference	

WHO SHOULD

PARTICIPATE

- ▶ Investors in mineral resource development
- ▶ Exploration and mining companies
- ▶ Relevant Federal and State Government officials
- ▶ Geological and mineral business consultants
- ▶ Geologists, mining engineers, chemists, metallurgists, material scientists and other professionals in the exploration, mining, mineral processing and extractive business
- ▶ University lecturers, researchers and students

WHAT TO

EXPECT

- ▶ Oral Presentations & Panel Discussion by experts and knowledge persons in the tin mining industry
- ▶ Opportunities to network amongst industry players, government officials and the academia

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Fee Category

Category	RM
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MTPMA Members	RM100
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Geologists registered with BOG	RM100
Government Officials (including academic staff)	RM100
Students of Institutions of Higher Learning	RM30
Others	RM150

CONFERENCE

ENTITLEMENT INCLUDES

- ▶ Access to all Conference Sessions
- ▶ Access to technical presentation (Subject to Author's consent)
- ▶ Conference delegate pack
- ▶ Invitation to Opening Ceremony
- ▶ Luncheon
- ▶ Networking Refreshment Breaks

SPONSORSHIP

This is a non-profit event organised to meet the national objective of revitalising the tin mining industry. Sponsorships in whatever form are welcome. Funds collected from sponsors shall be used to defray organising costs as well as used for sponsoring speakers and deserving students who will benefit from participating in the event. Those who wish to sponsor are kindly requested to complete and return the Sponsorship Form to the Secretariat. Several proposed sponsorship packages are listed in the Form for your convenience. The organising committee also welcome individuals who wish to provide customised sponsorships.

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