

Centre for **EXPLORATION
TARGETING**



CET
Online
Short
Course
Series

Basin-hosted Base Metal Mineral System

8th to 10th March 2021

From 15:00 to 18:00 (Perth time - UTC+8)

www.cet.edu.au



THE UNIVERSITY OF
**WESTERN
AUSTRALIA**

Audience

The course is aimed at geoscientists from both industry and academia who desire to gain a better insight on the latest advances in basin-hosted base metals from various perspectives

Language

English

Course Content

This three-day course will provide a comprehensive overview of basin hosted mineral systems in Australia and worldwide

Invited scholars and experts in the different disciplines (e.g.: structural geology, geophysics, petroleum-oriented sedimentology) will present new and old ways to address the problems of basin exploration

Duration

3 days (9 hours) three-hour daily sessions from 15:00 to 18:00 (Perth time - UTC+8)

Location

Online Zoom

Cost

CET Members AU\$ 270 + GST (Euro *167) - Non-Members AU\$ 380 +GST (Euro *235)

-University Postdocs and Fellows AU\$ 150 (Euro *93) - Students AU\$ 80 (Euro *50)

Payment will be charged in Australian Dollar

*Estimated price

Certificate of Attendance

Upon completion, participants will receive a certificate of attendance

Registration

For registration and payment information please visit our website:

www.cet.edu.au

See the CET website for more information

www.cet.edu.au

Who will be looking after you - Course Leaders



Weronika
Gorczyk



Ian Tyler



Steffen
Hagemann

Schedule

TIME	TOPIC	PRESENTER
Monday 08/03/2021	Basin-hosted base metal mineral systems in Australia	Weronika Gorczyk
15:00	Introduction and overview on sediment hosted base	Steffen Hagemann
15:30	Sedimentary basin in Western Australia and their base metal potential	Ian Tyler
16:15	Sediment hosted deposits of the Northern Australia Craton and exploration implications	Karen Connors
17:00	Sediment hosted deposits of the Southern Australia Craton and exploration implications	Adrian Fabris/Carmen Krapf
17:45	Summary and discussion	All presenters
Tuesday 09/03/2021	Basin-hosted base metal mineral systems – new/old ways of looking at the problem	Ian Tyler
15:00	Geophysics: finding the ingredients of sediment-hosted copper systems	Chris Wijns
15:45	Proterozoic basins of Australia – what can we learn from petroleum approach.	Simon Lang
16:30	Petroleum systems analysis for exploration of sediment hosted copper	Jane Cunneen
17:15	New avenues for battery minerals	Dave Huston
18:00	Summary and discussion	All presenters
Wednesday 10/03/2021	Basin-hosted base metal mineral system –the world	Steffen Hagemann
15:00	Stakeholder perspectives in new exploration terrains	Esther Harris
15:30	The Central African Copperbelt: variability within a Mineral System and implication for economic geology	Simon Doerling
16:15	San Vicente MVT deposit in Peru - a structural perspective	Helen McFarlen
17:00	An overview of the European Kupferschiefer type deposits	Zbigniew Sawłowicz
17:45	Summary and discussion	All presenters

See the CET website for more information
www.cet.edu.au