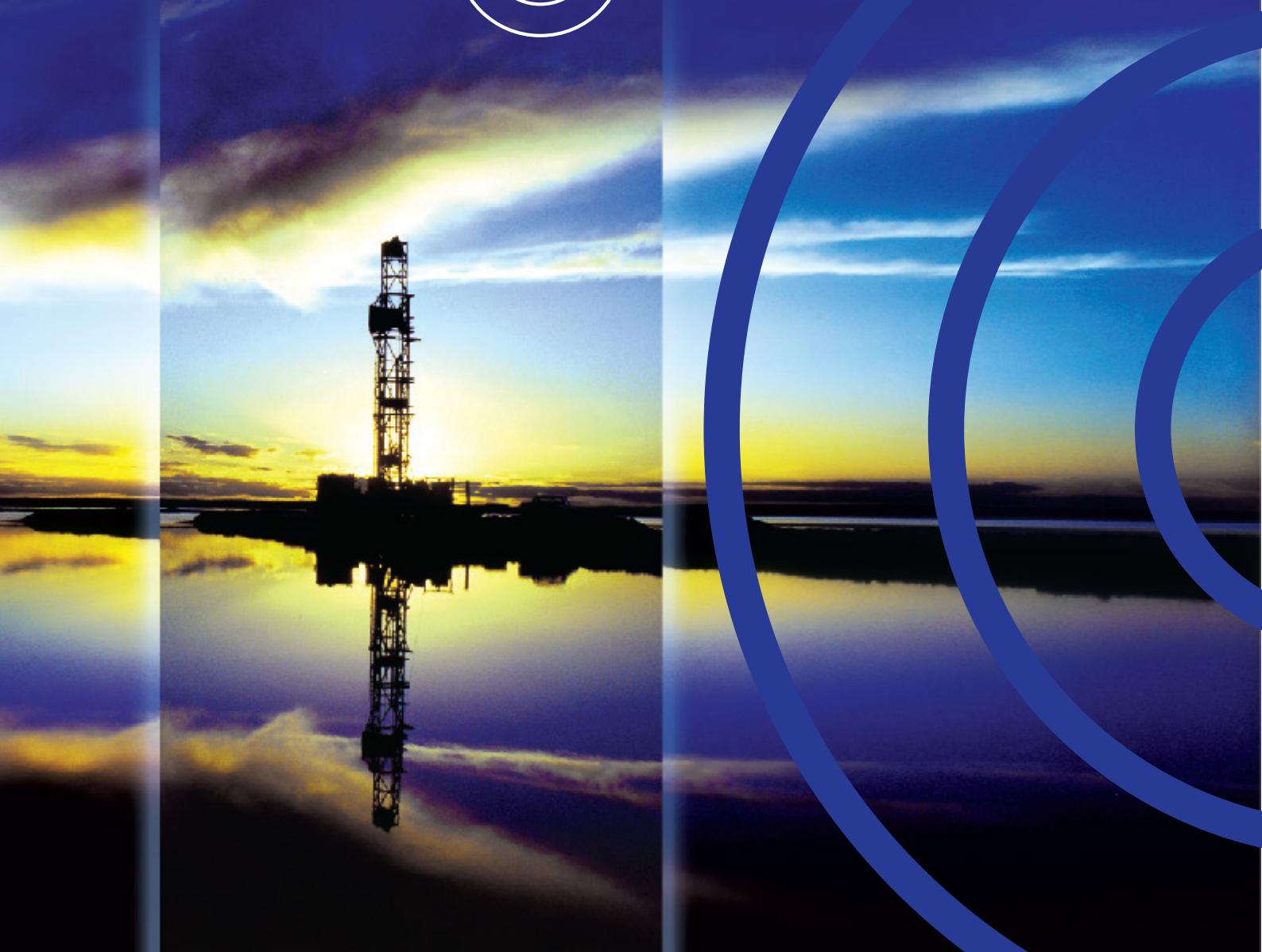


Centre for **EXPLORATION**
TARGETING



CET Members' Day

28 November 2022

The University Club of Western Australia: Uniclub
Entrance 1, Hackett Dr, Crawley WA 600



THE UNIVERSITY OF
WESTERN
AUSTRALIA

The Centre for Exploration Targeting (School of Earth Sciences) is pleased to announce the 17th Annual CET Members' Day to be held on 28 November 2022 at the University Club of Western Australia. This year's program will include an overview by CET Director Prof. Steffen Hagemann, with an update on current and new projects for the CET in 2022 and beyond. Selected speakers will present highlights from active research projects.

Our 2022 Keynote Speakers:

Caroline Perring - Principal Geologist BHP WA Iron Ore division



Caroline Perring is an economic geologist who has worked across a range of commodities (Fe, Ni, Au), for both industry and academia. She is the SEG Regional Vice President Lecturer for 2022.

John Holmes - Manager Exploration & Geology Pilbara Minerals Limited



John Holmes has over 30 years experience in the mineral exploration industry ranging from early stage exploration to development projects in precious and battery metals.

08:00 – 08:30	REGISTRATION	The University Club of Western Australia - Theatre Auditorium
08:30– 09:00	Steffen Hagemann	Overview of 2022 and futures CET activities
09:00 – 09:20	Giulia Consuma	Variscan metasomatism and its metallogenic potential in Europe: a perspective from the subduction-modified mantle wedge of the Ulten Zone, Eastern Italian Alps
09:20 – 09:40	Daniel Wiemer	On the inheritance of isolated ore-fertile mantle domains and the propagation of trans-lithospheric fault systems
09:40 – 10:00	Maria Cherdantseva	New insights into metal-transport mechanisms across the lithosphere
10:00 – 10:15	4 PhD Students	Speed talks – will highlight results captured in the posters
10:15 – 10:45	MORNING TEA / POSTER DISPLAY	
10:45– 11:05	Weronika Gorczyk	The evolution of Yeneena basin, and its place in the Supersequence 1 of the Centralian Superbasin
11:05 – 11:25	Polyanna De Sousa Moro	Lithospheric mantle composition beneath the Canning Basin with implications for basin formation and exploration
11:25 – 11:45	Chris Fisher	The application of accessory mineral geochemistry to mineral exploration
11:45 – 12:30	John Holmes <i>Keynote speaker</i>	Overview of the discovery and geology of the Pilgangoora Li-Ta deposit, Western Australia
12:30 – 12:45	4 PhD Students	Speed talks – will highlight results captured in the posters
12:45 – 14:00	LUNCH / POSTER DISPLAY	
14:00 – 14:30	Nico Thebaud	Yilgarn geological craton development: learnings from the Yilgarn 2020 project
14:30 – 14:50	Madeleine Ince	Tracking magma replenishment through zircon petrochronology of the Taca Taca Bajo Cu-Mo-(Au) porphyry
14:50 – 15:10	Brian Tattitch	Experimental Constraints on potassic alteration and high-grade mineralization in porphyries
15:10 – 15:30	Laura Petrella	Nanoparticle suspensions from carbon-rich fluid make high-grade gold deposits
15:30 – 16:00	Pietro Guj	Mineral resources of Africa: An overview
16:00 – 16:30	AFTERNOON TEA / POSTER DISPLAY	
16:30 – 17:15	Caroline Perring <i>Keynote speaker</i>	A New Genetic Model for BIF-hosted Martite-Goethite of the Hamersley Province
17:15 – 17:25	Steffen Hagemann	Closing Remarks
17:25 – 18:30	SUNDOWNER	