



**UNSW**  
SYDNEY



34TH ANNUAL GENERAL MEETING AND CONFERENCE

# The Society of Mining Professors

SYDNEY, AUSTRALIA 5–11 September 2024

## Conference Program



### Conference supporters

**BHP**



**RPM**GLOBAL

## MESSAGE FROM THE PRESIDENT



Dear Members of the Society of Mining Professors,

I am pleased to welcome you to the 34<sup>th</sup> Annual General Meeting of SOMP, held in Sydney from September 5–11, 2024. Hosted by UNSW Sydney and co-hosted with AusIMM, this AGM promises to be an enriching blend of professional development, collaboration, and cultural experiences in one of the world's most iconic cities.

We have developed an engaging and interactive program designed to inspire meaningful discussions, spark innovative ideas, and foster deeper connections among our global society. Alongside thought-provoking presentations, poster sessions, panels and workshops, our program also includes visits to some of the most technologically advanced mining operations, where you will witness firsthand the latest innovations shaping our industry.

In addition to the formal program, you will also have the opportunity to explore Sydney's famous landmarks, including the Sydney Opera House and Harbour Bridge, while experiencing the vibrant culture of this stunning city.

Our theme, *"Building Tomorrow Together through Integrating Technology and Embracing Diversity in Mining"*, captures the spirit of our meeting as we collectively explore sustainable, and inclusive advancements in the mining industry.

I look forward to connecting with you all and making this AGM a highly successful and memorable event.

Best regards,  
Professor Serkan Saydam  
President



## VENUE INFORMATION

The 34<sup>th</sup> Annual General Meeting of Society of Mining Professors (SOMP2024) will be held on UNSW's main campus in Kensington, located in Sydney's Eastern Suburbs, just 8 km from the Sydney CBD.

UNSW Sydney  
High Street Kensington NSW 2052 Australia





## ORGANISING COMMITTEES

### UNSW Organising Committee

Prof. Serkan Saydam  
Prof. Ismet Canbulat  
Prof. Bruce Hebblewhite  
A/Prof. Seher Ata  
A/Prof. Simit Raval  
A/Prof. Binghao Li  
A/Prof. Joung Oh  
A/Prof. Guangyao Si  
Dr. Chengguo Zhang  
Dr. Ghislain Bournival  
Dr. Yu Jing  
Dr. Selahattin Akdag  
Bindya Subba  
Rebecca Rodger  
Iris Huisman

### International Organising Committee Members

Prof. Serkan Saydam | UNSW Sydney, Australia  
Prof. Zach Agioutantis | University of Kentucky, USA  
Prof. Ismet Canbulat | UNSW Sydney, Australia  
A/Prof. Marilena Cardu | Politecnico di Torino, Italy  
Prof. Elisabeth Clausen | RWTH Aachen, Germany  
Prof. Bruce Hebblewhite | UNSW Sydney, Australia  
Prof. Michael Karmis | Virginia Tech, USA  
Prof. Vladislav Kecojevic | West Virginia University, USA  
Prof. Juergen Kretschmann | Hainan Bielefeld University of Applied Sciences, China  
Prof. Oliver Langefeld | Technische Univ. Clausthal, Germany  
A/Prof. Liu Li | Chongqing University, China  
A/Prof. Harmony Musiyarira | Namibia University of Science & Technology, Namibia  
A/Prof. Nga Nguyen | Hanoi University of Mining & Geology, Vietnam  
Prof. Oscar Jamie Restrepo | Universidad Nacional de Colombia, Colombia  
A/Prof. Emily Sarver | Virginia Tech, USA  
A/Prof. Jorge Soto | National University of San Marcos, Peru  
Prof. Ronny Webber-Youngman | University of Pretoria, South Africa





# FINAL PROGRAM

<b>Sunday 8 September 2024</b>		
	<b>Location:</b> UNSW Kensington Campus, School of Minerals and Energy Resources Engineering, Old Main Building (OMB) (K15).	
9:30am	<b>SOMP Council Meeting</b>	OMB, Room 158
12:30pm	Registrations Open	
12:30pm	Lunch	The Chancellor's Garden
1:30pm	AVIE and Holographic Lab demonstrations	OMB, Room 158
2:30pm	<b>Education Committee Meeting</b>	OMB, Room 158
	<b>Research, Development &amp; Industry Committee Meeting</b>	OMB, Room 159H
	<b>Capacity Building Committee Meeting</b>	OMB, Room 38
	<b>Members Development Committee Meeting</b>	OMB, Room 51
	<b>Mining &amp; Minerals Programs Sustainability Committee Meeting</b>	OMB, Room 159G
4:30pm	Committee Meetings Conclude	
5:00pm - 6:30pm	Welcome Cocktail & Registration	The Lounge, Level 11, Library (F21), Library Rd, UNSW

<b>Monday 9 September 2024</b>		
	<b>Location:</b> UNSW Kensington Campus, John Niland Scientia Building (G19).	
7:30am	Registration Open	
	<b>SESSION 1: Opening Plenary</b>	
8:00am	<b>Welcome to Country and Smoke Ceremony</b>	
8:30am	<b>Welcome &amp; Safety Briefing</b> , <i>Professor Serkan Saydam</i>	
8:40am	<b>Welcome Address - Professor Merlin Crossley</b> , <i>DVC Academic Quality, UNSW Sydney</i>	
8:45am	<b>Ministerial Welcome - The Hon Courtney Houssos MLC</b> , <i>NSW Minister for Finance, Minister for Domestic Manufacturing and Government Procurement and Minister for Natural Resources</i>	
8:50am	<b>Welcome Address: The Need for Strong Mining Education Program</b> , <i>Nicole Brook, AusIMM</i>	
9:20am	<b>KEYNOTE: The Industry Transformation and the Role of Universities</b> <i>Andrew Scott, BHP</i>	
9:50am	Morning Tea & Group Photo	
	<b>SESSION 2: Mining &amp; Minerals Programs Sustainability</b>	
10:20am	<b>New Committee Overview</b> , <i>Emily Sarver</i>	
10:40am	<b>How Australian Industry Associations are Supporting a Pipeline of Mining Engineers</b> <i>Rebecca Knol, Australian Network of Mining Engineering Educators (ANMEE)</i>	
10:55am	Regional Highlights (ASIA: L Liu; North America: V Kecojevic; South America: OJ Restrepo; EU: H Mischo; Africa: F Malan)	
11:15am	Australian Programs Overview (UNSW: I Canbulat; University of Queensland: P Knights; University of Adelaide: M Karakus; University of Wollongong: R Tolhurst; Curtin: W Asad; Monash: H Masoumi; Central Queensland: MA Qureshi)	
11:45am	Short Survey on "Snapshot of Current Enrolment Status into Mining Programs" - <i>Facilitated by Micah Nehring</i>	
11:55am	<b>PANEL - Facilitated by Micah Nehring: Laying the Foundations for Sustainable Mining Enrolments</b>	
12:15pm	Working Lunch Break	
	<b>SESSION 3: Education I</b>	
1:15pm	Overview of Education Committee, <i>Sandra Nowosad</i>	



1:22pm	The Mining Degree Apprenticeship: The Future of Mining Engineering Education in the UK, <i>P Foster, A Fulton, L Meyer, Exeter University, UK</i>	
1:29pm	European Mining Course and the TERRA Initiative, <i>N Sifferlinger, B Lottermoser, Y Feldmann, M Rinne and R Serna, MUL, Austria</i>	
1:36pm	Curriculum Renewal and Learning Through Doing: Work-integrated Learning in Practice, <i>D Thompson, MWA Asad, LG Dyer; DM Quyn, Curtin University, Australia</i>	
1:43pm	The AGEMERA Online Lecture: European Critical Raw Materials for the Green and Digital Transition (ECRMs), <i>G Meissner, Md A Islam, J Joutsenvaara, I Anayawa Nyambe, T Hand, V Kar, L Suopajarvi, H Mischo, University of Freiberg, Germany</i>	
1:50pm	Assessment to Study for An MSc in Mining Engineering by Differently Qualified Applicants, <i>C Birch, B Genc, WITS, South Africa</i>	
1:57pm	<b>PANEL - Facilitated by Sandra Nowosad: Q&amp;A with presenters</b>	
2:17pm	session changeover	
2:22pm	From Mines to Minds: Exploring Immersive Learning's Influence in Mining Engineering Education, <i>K Chauhan, A Anani, SO Adewuyi, University of Arizona, United States</i>	
2:29pm	Enhancing Mining Engineering Education Through Competition-Driven Project Courses, <i>B Lj, C Zhang, UNSW, Australia</i>	
2:36pm	Development of a Mine Closure and Sustainable Transitions Micro-credential; Challenges and Perspectives, <i>G Barakos, R Tapia Rivera, E Wightman, Curtin University, Australia</i>	
2:43pm	Factors Influencing the University Mining Engineering Students' Employment Intention at the Mining Industry: A Case study of Chongqing University, China, <i>L Liu, R Liu, K Kabimbi, M Song, Q Lan, Chongqing University, China</i>	
2:50pm	<b>PANEL - Facilitated by Sandra Nowosad: Q&amp;A with presenters</b>	
3:06pm	<b>Summary on the Working Lunch - Facilitated by Emily Sarver &amp; Sandra Nowosad</b>	
3:10pm	Afternoon Tea	
	<b>SESSION 4: Business Session</b>	
3:30pm	<b>Business Session, Vladislav Kecojevic, Secretary General</b>	
5:00pm	End of Day 1	
5:30pm - 10:00pm	Multicultural Night	Coogee Surf Life Saving Club Carr St & Beach St, Coogee NSW 2034

**Tuesday 10 September 2024**

	<b>Location:</b> UNSW Kensington Campus, John Niland Scientia Building (G-19).	
8:00am	Registration Open	
8:30am	<b>Summary of Day 1, Professor Serkan Saydam</b>	
	<b>SESSION 5: Members Development I</b>	
8:35am	<b>Overview of Members Development Committee, George Barakos</b>	
8:42am	<b>KEYNOTE: Towards Gender Equity in Engineering Fields: The Role of Universities</b> <i>Professor Rita Henderson, Deputy Dean of Engineering, Social Impact &amp; Translation, UNSW, Australia</i>	
9:12am	<b>Michael Karmis SOMP PhD Fellowship Award - Presented by Emily Sarver</b>	
	<b>SESSION 6: Capacity Building I</b>	
9:27am	<b>Overview of Capacity Building, Harmony Musiyarira &amp; Juergen Kretschmann</b>	
9:34am	<b>Best cases of capacity building</b> <i>Associate Professor Marilena Cardu, Politecnico di Torino, Italy</i>	
9:41am	<b>PANEL - Facilitated by H Musiyarira (Namibia): Regional Networking: Europe (H Mischo), Africa (G Dzinomwa), Asia (N Nguyen), South America (E Gonzalez), North America (A Anani); Oceania (S Ata)</b>	
10:15am	Morning Tea (AVIE and Holographic Lab demonstrations)	
	<b>SESSION 7: Capacity Building II</b>	
10:45am	<b>Potentials for SOMP in North Africa</b>	



	<i>Angel Tobar, Technical University of Madrid &amp; Epiroc, Spain</i>	
10:52am	<b>Capacity Building needs for Southern Africa: Open Discussion:</b> How SOMP could Support the Region and Regional Meetings and Membership Development Activities <i>Facilitated by Godfrey Dzinomwa &amp; Harmony Musiyarira</i>	
11:26am	Report on the 13 <sup>th</sup> SOMP Regional Meeting in Chongqing China, <i>L Liu, Chongqing University, China</i>	
11:31am	Capacity Building Committee: Special Recognition	
11:36am	<i>session changeover</i>	
	<b>SESSION 8: Members Development II</b>	
11:40am	<b>Teaching mining engineering in an AI world</b> <i>Jon Barber, UNSW, Australia</i>	
11:47am	<b>Activity:</b> CHATGPT Challenge; <i>Facilitated by George Barakos</i>	
12:30pm	Lunch (AVIE and Holographic Lab demonstrations)	
	<b>SESSION 9: Research, Development &amp; Industry I</b>	
1:30pm	<b>Overview of RDI Committee, Veiko Karu</b>	
1:37pm	Research Study on Social and Governance Risks Assessment for the Future Phosphorite Mining in Estonia, <i>V Karu, A Paat, MW Hitch, Tallinn University of Technology, Estonia</i>	
1:44pm	Acceptance and Participation of the Community in Mining Projects, <i>W Frenz, RWTH Aachen, Germany</i>	
1:51pm	A Trajectory Towards the Green Mineral Industry in Namibia, <i>G Dzinomwa, L Madziwa, HK Musiyarira, NUST, Namibia</i>	
1:58pm	The Role of Universities in Meeting the Sustainable Development Goals (SDGs) In Artisanal and Small-Scale Mining (ASM), <i>OJ Restrepo, Universidad Nacional de Colombia, Colombia</i>	
	<b>PANEL - Facilitated by Joung Oh: Q&amp;A with presenters</b>	
2:21pm	<i>session changeover</i>	
	<b>SESSION 10: Research, Development &amp; Industry II</b>	
2:25pm	Review of the Machine Learning Application in the Mining Sector, <i>J Githiria, G Khangamwa, WITS, South Africa</i>	
2:32pm	Understanding a Digital Tool for the Continuous Economic Valuation of Critical Raw Materials Mining Projects, <i>MA Islam, G Barakos, H Mischo, Freiberg, Germany</i>	
2:39pm	Research Trends in Mine Planning and Optimisation Techniques Identified from a Bibliometric Mapping and Qualitative Review of Research from Selected University-Based Research Entities, <i>S Qwabe, C Musingwini, B Mutandwa, WITS, South Africa</i>	
2:46pm	Reviewing Technological Developments Impact in Implementation of Synergistic Energy Solutions around the World, <i>MA Borojerdi, M Yahyaei, S Ahmad, LN Lata, UQ, Australia</i>	
2:53pm	<b>PANEL - Facilitated by V Karu: Q&amp;A with presenters</b>	
3:09pm	<i>session changeover</i>	
	<b>SESSION 11: Education II</b>	
3:14pm	<b>Tim Shaw Award - Presented by Sandra Nowosad</b>	
3:44pm	End of Day 2	
6:30pm - 10:00pm	Awards Dinner	Darling Harbour, No 4, King St Wharf

**Wednesday 11 September 2024**

	<b>Location:</b> UNSW Kensington Campus, John Niland Scientia Building (G-19).	
8:00am	Registration Open	
8:30am	<b>Summary of Day 2, Professor Serkan Saydam</b>	
	<b>SESSION 12: Members Development III</b>	
8:35am	Attracting Gen Z talent to Careers in Mining – A 360-Degree Approach, <i>P Knights, UQ, Australia</i>	



8:42am	The Role of International Organizations and Local Commitment on Gender Equality, <i>A Binder, M Schubert, S Nowosad, F Apollo, T Sen, O Langefeld, Clausthal University of Technology, Germany</i>	
8:49am	Sourcing Research Candidates to Address Current Mining Challenges, <i>S Raval, UNSW, Australia</i>	
8:56am	Mining Minds: Cultivating Emotional Intelligence in Technical Titans, <i>O Pillay, E Uludag, M Nong, WITS, South Africa</i>	
9:03am	The Career Development of an International Student in Australian Universities: Lessons and Advice Based on a Case Study, <i>D Li, Curtin, Australia</i>	
9:10am	Challenges and Perspectives of Attracting Talents from Developing Countries: The Case Study of Horizon Education Agency in Azerbaijan, <i>A Mammadli, G Barakos, K Wronska Dorward, N Malikzada, H Hasanzade, S Mehraliyevs, Curtin University, Australia</i>	
9:17am-	<b>PANEL - Facilitated by Chengguo Zhang: Q&amp;A with presenters</b>	
9:41am	Morning Tea (AVIE and Holographic Lab demonstrations)	
	<b>SESSION 13: Education III</b>	
10:10am	<b>Session Overview, Sandra Nowosad</b>	
10:12am	Book Launch, Updated Report Writing Guideline, <i>P Hagan</i>	
10:17am	<b>Poster Pitches + Poster Walk: Education &amp; RDI Committees</b>	
11:00am	Case Study: Industry Integration in Mining Engineering Education <i>Michael Yelf, RPM Global</i>	
11:07am	<b>Workshop: Translating Tasks to Action; Facilitated by Sandra Nowosad</b>	
11:40am	<b>Workshop: Emerging Topics and the Mining Engineer of the Future; Facilitated by Sandra Nowosad</b>	
12:30pm	Lunch (AVIE and Holographic Lab demonstrations)	
	<b>SESSION 14: Research, Development &amp; Industry III</b>	
1:30pm	Experiences from Developing a Road Map to Attractive, Inclusive, and Safe Mining Workplaces, <i>L Abrahamsson, Luella University, Sweden</i>	
1:37pm	A Changing Work Environment in the Wake of the COVID-19 Pandemic? – Observations From Managers in a Swedish Mining Company, <i>J Johansson, M Jakobsson, J Larsson, M Mattson Molnar, S Vinberg, J Lööw, Luella University, Sweden</i>	
1:44pm	Forecasting of Methane Gas Concentrations in Underground Coal Mines Using Univariate and Multivariate Modelling, <i>Z Agioutantis, D Hristopulos, S Schafrik, J Diaz, University of Kentucky, USA</i>	
1:51pm	Study of How Industry-University Research Collaboration Can Solve Long-Lasting Research Problems for the Mining Industry, <i>H Chen, H Lamei Ramandi, S Saydam UNSW &amp; P Craig, Jennmar Australia</i>	
1:58pm	<b>PANEL - Facilitated by Veiko Karu: Q&amp;A with presenters</b>	
2:14pm	<b>PANEL: Successful Industry and University Collaboration; Facilitated by Dallas Wilkinson (Austmine)</b>	
3:00pm	Afternoon tea (AVIE and Holographic Lab demonstrations)	
	<b>SESSION 15: Members Development IV</b>	
3:30pm	<b>Activity: CHATGPT Challenge Outcome; Facilitated by George Barakos</b>	
4:15pm	session changeover	
	<b>SESSION 16: Closing</b>	
4:18pm	Final Remarks, <i>President Serkan Saydam and Secretary General Vladislav Kecojevic</i>	
4:28pm	Future AGMs and Regional Meetings	
4:38pm	SOMP2025 AGM Presentation - <i>Elisabeth Clausen, RWTH Aachen, Germany</i>	
4:48pm	<b>Event Closing &amp; Flag Ceremony</b>	
5:00pm	<b>Conference Close</b>	
5:30pm - 7:00pm	Event Closure	UNSW, Roundhouse UNSW Kensington Campus, (E6)



**Poster Presentations**

Empowering Early Career Academics for Future Excellence: Insights from UNSW Engineering ECAN Initiative, S Akdag, M Vaqueiro-Contreras, D Li, M Pagnucco, UNSW, Australia

Bridging the Gap: Enhancing Accessibility and Inclusivity in Scientific Knowledge-Sharing Events and Networking Opportunities, S Thiruchittampalam, S Raval, UNSW, Australia

Review 70 Years of Achievements and High-quality Development Architecture System of Open-pit Coal Mines in China, C Qx, C Yi, L X, T Y, China University of Mining and Technology, China

Simulating Mineral Resource Block Listings for Narrow, Tabular Gold Deposits, C Birch, WITS, South Africa

The Hub and Spokes Approach, an Industry-Academia Sustainable Collaboration Framework, SP Nowosad, E Tobar, Angel M, Langefeld I, Clausthal University of Technology, Germany

Strategies For Linking Artisanal and Small Scale Miners with Large Scale Operators and the Market, G Dzinomwa, B Mapani, M Pillalamarry, HK Musiyarira, NUST, Namibia

A Computational Fluid Dynamics Simulation of Thermal Condition at Ramp Down During Mucking Process with Diesel Load Haul Dump Equipment, FZ Waly, NP Widodo, A Ihsan, J Cheng, GJ Kusuma, RS Gautama, Institut Teknologi Bandung, Indonesia

Comparative Analysis on the Effect of Economic Parameters on Cut-off Grade Optimisation, J Githiria, G Khangamwa, WITS, South Africa

Fostering Competence-Oriented Teaching and Learning by Challenge Based Learning in Collaboration with Industry, A Radl, E Clausen, S Schöbel, RWTH Aachen University, Germany

Mine Surveying Degrees: Internationalizing the Curriculum, Z Mdluli, WITS, South Africa

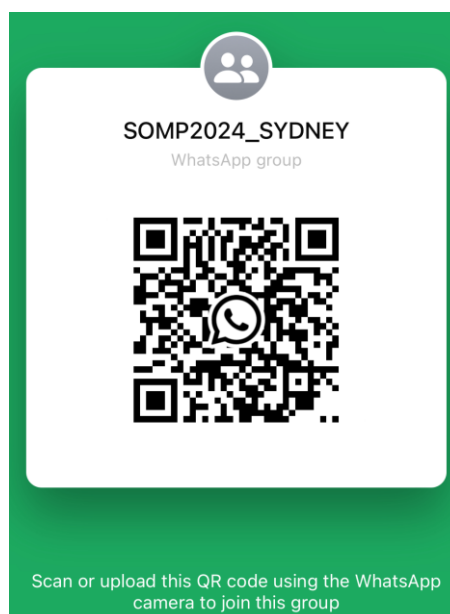
Unique and Comprehensive Approach to Raw Materials Education, Covering Life Cycle Assessment/Costing (LCA/LCC), V Karu, V Voronova, Tallinn University of Technology, Estonia

Trends in Australian Mining Education, Recruitment and Employee Development, R Tolhurst, University of Wollongong, Australia

Securing the Future of the Historic Mining Towns, Through of Mining Heritage: World Mining Heritage Sites & Sustainable Development, DJ Carvahal Gomez, University of Huelva, Spain

Ventilation Challenges for More Sustainable Underground Mines in Brazil – ALM Ayres da Silva, University of São Paulo, Brazil

Join **SOMP2024\_SYDNEY WhatsApp Group** to receive up-to-date information



## CLIMATE AND DRESS CODE

- **Weather:**

Sydney in early September is transitioning from winter to spring, with temperatures typically ranging from 12°C in the morning to around 22°C during the day. While the days can be pleasantly warm, mornings and evenings may still be a bit cool, so layering is recommended.

*Please remember to bring warmer clothing if you are joining the field trips.*

- **Dress Code:**

The customary dress code for SOMP is business casual, allowing attendees to interpret it as they see fit. However, for the Awards Dinner on Tuesday (10<sup>th</sup> September), a formal dress code is highly appreciated.

**Daytime Sessions:** Business casual attire is recommended for all conference sessions.

**Evening Events:** The temperature may drop, so a jacket or wrap is advisable. For any formal dinners, semi-formal attire is recommended.



## AIRPORT AND TAXI SERVICES

- **Airport:**

You will arrive at Sydney Kingsford Smith Airport (SYD), located about 8 kilometres south of the city centre. The airport is well-connected to public transport, and it typically takes around 20-30 minutes by car to reach the central business district (CBD), depending on traffic.

- **Taxi Services:**

Taxis are readily available at Sydney Airport. You'll find taxi ranks outside each terminal (T1 International, T2, and T3 Domestic). All taxis are metered, and the fare from the airport to the CBD usually ranges from \$45 to \$60, depending on traffic conditions and the time of day. Note that there is an additional airport surcharge of \$4.90 for all trips departing from the airport.

- **Taxi Apps:**

You can also book a taxi via apps like **13CABS** or **Silver Service**, which are widely used in Sydney.

- **Ride-Sharing:**

If you prefer to use a ride-sharing service, **Uber**, **Ola**, and **Didi** are all available in Sydney. The designated pick-up zones for rideshare services are located in specific areas at each terminal, and prices are often comparable to or slightly lower than taxis.

- **Shuttle Services:**

**Airport Shuttles:** Several shuttle services operate between the airport and hotels in the city. These can be pre-booked online or arranged at the airport. Shuttle prices vary but typically range from AUD \$15 to \$25 per person.

- **Public Transport Option:**

For a more cost-effective option, you can catch the **Sydney Airport Link** train, which departs regularly from both the International and Domestic terminals. The train will take you directly to the CBD in around 15 minutes, with fares starting at approximately \$20 per adult, one-way.

You can catch the **Light Rail** to/from UNSW Kensington campus from/to CBD. The L3 Kingsford Light Rail service goes to the UNSW Anzac Parade stop. The total trip duration is approximately 20~30 min. The ride fare is approximately \$4.

Whether you prefer a taxi, rideshare, light-rail or train, getting to and from Sydney Airport and the CBD is convenient and easy. For all the necessary information, visit [Transport NSW](https://www.transport.nsw.gov.au).

*We hope this information helps you with your travel plans. Safe travels, and we look forward to seeing you in SOMP2024!*



## VENUE LOCATIONS

### Saturday 7 September

- **UNSW Open Day**

School of Minerals and Energy Resources  
Engineering, UNSW Sydney. [Old Main building \(K15\)](#)  
Arrive at Gate 14, Barker St, Kensington



### Sunday 8 September

- **Committee meetings:**

School of Minerals and Energy Resources  
Engineering, UNSW Sydney. [Old Main building \(K15\)](#)  
Arrive at Gate 14, Barker St, Kensington.



- **Welcome Cocktails & Registration:**

[The Lounge, UNSW Sydney](#), Level 11, Library (F21),  
Library Rd, UNSW. Arrive at Gate 8, High St,  
Kensington.



### Monday 9 September – Wednesday 11 September

- **SOMP2024 sessions:**

[John Niland Scientia Building, UNSW](#), G19 Library Rd,  
UNSW. Arrive at Gate 8, High St, Kensington.



### Monday 9 September

- **Multicultural Night:**

[Coogee Surf Life Saving Club](#), Corner of Carr Street  
and Beach Street, Coogee NSW.



### Tuesday 10 September

- **Awards Dinner:**

[No 4, King St Wharf, Darling Harbour](#)



### Wednesday 11 September

- **Event Closure:**

<https://www.arc.unsw.edu.au/roundhouse>  
UNSW, Roundhouse UNSW Kensington Campus







## ACCOMPANYING PERSON PROGRAM

Monday 9 September 2024		
8:00am	Smoking Ceremony at UNSW	
8:30am	Transfer to Featherdale Wildlife Park	
9:30am	<b>Featherdale Sydney Wildlife Park</b>	
11:30am	Transfer from Featherdale Sydney Wildlife Park to Bondi Beach	
12:30pm	<b>Lunch</b>	
2:30pm	Free Time	
3:30pm	<b>Bondi to Coogee Coastal Walk</b> ( <i>Optional - weather permitting</i> )	
5:30pm-10:00pm	<b>Multicultural Night</b>	Coogee Surf Life Saving Club
<b>Dress Code</b>	<i>Casual</i>	

Tuesday 10 September 2024		
11:30am	Meet at Sydney Opera House	
11:45am	<b>Sydney Opera House Tour</b>	
12:45pm	<b>Lunch at Opera Bar</b>	
1:45pm	Walking Transfer to Museum of Contemporary Art	
2:00pm	<b>Museum of Contemporary Art / Free Time</b>	
<b>Dress Code</b>	<i>Casual</i>	
6:30pm-10:00pm	<b>Awards Dinner</b>	Darling Harbour
<b>Dress Code</b>	<i>Formal</i>	

Wednesday 11 September 2024		
10:00am	Meet at Circular Quay	
10:15am	Walking Transfer to Botanical Gardens	
10:30am	<b>Walking Tour of Botanical Gardens</b>	
12:00pm	<b>Lunch at Farm Cove Eatery</b>	
1:00pm	Walking Transfer to <b>QVB</b>	
1:30pm	<b>Free Time</b>	
3:30pm	Bus Transfer to UNSW	
	<b>Attend SOMP Closing Session</b>	
4:18pm	Final remarks, <i>SOMP President Professor Serkan Saydam and Secretary General Professor Vladislav Kecojevic</i>	
4:28pm	Future AGMs and Regional Meetings	
4:38pm	SOMP2025 AGM Presentation – <i>Professor Elisabeth Clausen, RWTH Aachen, Germany</i>	
5:00pm	<b>Event Closing &amp; Flag Ceremony</b>	
5:30pm -7:00pm	<b>Event Closure Event</b>	UNSW, Roundhouse UNSW Kensington Campus, (E6)
<b>Dress Code</b>	<i>Casual</i>	



## FIELD TRIP 1A – CADIA VALLEY OPERATIONS

Thursday 5 September 2024	
	Blue Mountains
7:15am	Bus Pick Up from Avoca St Randwick by Sydney Lodges, 235 Avoca St, Randwick NSW 2031
7:30am	Bus Pick Up from Pullman Sydney Hyde Park, 36 College St, Darlinghurst NSW 2010
8:00am	Bus Pick Up from Ibis Sydney Darling Harbour, 70 Murray St, Pyrmont NSW 2009
10:00am	<b>Access to Blue Mountains Historic Mines</b>
12:30pm	<b>Lunch at The Lookout Echo Point</b>
1:30pm	Depart The Lookout Echo Point
2:15pm	<b>Stop at Big Miners Lamp, Lithgow for Photo Opportunity</b>
3:45pm	Arrive at The Central Caleula Orange. Check In to Rooms & Free Time
6:30pm	<b>Dinner at La Milano</b>
<b>Dress Code</b>	<i>Day Activities: Comfortable/Casual (You will be walking, so we recommend wearing comfortable walking shoes) Evening Activities: Casual</i>

Friday 6 September 2024	
	Cadia Valley Operations Mine Tour
7:00am	<b>Breakfast</b>
8:00am	Depart The Central Caleula Orange
8:30am	Arrive at Cadia Valley Operations Mine Site
9:30am	<b>Mine Tour</b>
1:30pm	<b>Lunch onsite</b>
2:30pm	Bus Transfer to Sydney
6:30pm	Bus Drop Off at Ibis Sydney Darling Harbour, 70 Murray St, Pyrmont NSW 2009
6:45pm	Bus Drop Off at Pullman Sydney Hyde Park, 36 College St, Darlinghurst NSW 2010
7:15pm	Bus Drop Off at Avoca St Randwick by Sydney Lodges, 235 Avoca St, Randwick NSW 2031
	<b>End of Tour</b>
<b>Dress Code</b>	<i>For the mine tour, please bring long-pants and long-sleeve shirts, as well as enclosed footwear. The mine will also provide disposable white overall suit and gum boots. A shower will not be necessary. Please also be aware that to visit underground, Australian mines have a clean-shaven policy. The forms you are requested to fill have detailed information about the requirements for each site. Australian mines have drug and alcohol policies in place which include the mine having an option for random or compulsory testing of visitors before allowing them access to the site. It is therefore possible that those attending the Field Trips may be required to submit a breath test for blood alcohol level, prior to accessing the mine sites. The acceptable levels vary from company to company but are usually either 0.02% or 0.00%. Please be mindful of this during the field trips.</i>



## FIELD TRIP 1B – NORTH PARKES MINES

Thursday 5 September 2024	
	Blue Mountains
7:15am	Bus Pick Up from Avoca St Randwick by Sydney Lodges, 235 Avoca St, Randwick NSW 2031
7:30am	Bus Pick Up from Pullman Sydney Hyde Park, 36 College St, Darlinghurst NSW 2010
8:00am	Bus Pick Up from Ibis Sydney Darling Harbour, 70 Murray St, Pyrmont NSW 2009
10:00am	<b>Access to Blue Mountains Historic Mines</b>
12:30pm	<b>Lunch at The Lookout Echo Point</b>
1:30pm	Depart The Lookout Echo Point
2:15pm	<b>Stop at Big Miners Lamp for Photo Opportunity</b>
3:45pm	Arrive at The Central Caleula Orange. Check In to Rooms & Free Time
6:30pm	<b>Dinner at La Milano</b>
<b>Dress Code</b>	<i>Day Activities: Comfortable/Casual (You will be walking so we recommend wearing comfortable walking shoes) Evening Activities: Casual</i>

Friday 6 September 2024	
	Northparkes Mines Tour
6:30am	<b>Breakfast</b>
7:30am	Depart The Central Caleula Orange
9:00am	Arrive at Northparkes Mines
	<b>Mine Tour</b>
1:30pm	<b>Lunch onsite</b>
2:30pm	Bus Transfer to Sydney
7:30pm	Bus Drop Off at Ibis Sydney Darling Harbour, 70 Murray St, Pyrmont NSW 2009
7:40pm	Bus Drop Off at Pullman Sydney Hyde Park, 36 College St, Darlinghurst NSW 2010
8:00pm	Bus Drop Off at Avoca St Randwick by Sydney Lodges, 235 Avoca St, Randwick NSW 2031
	<b>End of Tour</b>
<b>Dress Code</b>	<i>For the mine tour, please bring long-pants and long-sleeve shirts, as well as enclosed footwear. The mine will also provide disposable white overall suit and gum boots. A shower will not be necessary. Please also be aware that to visit underground, Australian mines have a clean-shaven policy. The forms you are requested to fill have detailed information about the requirements for each site. Australian mines have drug and alcohol policies in place which include the mine having an option for random or compulsory testing of visitors before allowing them access to the site. It is therefore possible that those attending the Field Trips may be required to submit a breath test for blood alcohol level, prior to accessing the mine sites. The acceptable levels vary from company to company but are usually either 0.02% or 0.00%. Please be mindful of this during the field trips.</i>



## FIELD TRIP 2 – APPIN WEST COLLIERY

Thursday 5 September 2024	
	Blue Mountains
7:15am	Bus Pick Up from Avoca St Randwick by Sydney Lodges, 235 Avoca St, Randwick NSW 2031
7:45am	Bus Pick Up from Pullman Sydney Hyde Park, 36 College St, Darlinghurst NSW 2010
8:00am	Bus Pick Up from Ibis Sydney Darling Harbour, 70 Murray St, Pyrmont NSW 2009
10:00am	<b>Access to Blue Mountains Historic Mines</b>
12:30pm	<b>Lunch at The Lookout Echo Point</b>
1:30pm	Depart Lookout Echo Point
1:45pm	<b>Arrive Wentworth Falls for Photo Opportunity/Optional Walk</b>
2:45pm	Bus Transfer to Sydney
4:15pm	Bus Drop Off at Ibis Sydney Darling Harbour, 70 Murray St, Pyrmont NSW 2009
4:30pm	Bus Drop Off at Pullman Sydney Hyde Park, 36 College St, Darlinghurst NSW 2010
5:00pm	Bus Drop Off at Avoca St Randwick by Sydney Lodges, 235 Avoca St, Randwick NSW 2031
	<b>End of Field Trip Day 1</b>
<b>Dress Code</b>	<i>Comfortable/Casual (You will be walking so we recommend wearing comfortable walking shoes).</i>

Friday 6 September 2024	
	Appin West Colliery
4:45am	Bus Pick Up from Avoca St Randwick by Sydney Lodges, 235 Avoca St, Randwick NSW 2031
5:05am	Bus Pick Up from Pullman Sydney Hyde Park, 36 College St, Darlinghurst NSW 2010
5:15am	Bus Pick Up from Ibis Sydney Darling Harbour, 70 Murray St, Pyrmont NSW 2009
6:30am	Arrive at Appin West Colliery
8:00am	<b>Mine Tour</b>
1:30pm	Depart Appin West Colliery
2:00pm	<b>Lunch</b>
3:00pm	Bus Transfer to Sydney
4:30pm	Bus Drop Off Ibis Sydney Darling Harbour, 70 Murray St, Pyrmont NSW 2009
4:45pm	Bus Drop Off at Pullman Sydney Hyde Park, 36 College St, Darlinghurst NSW 2010
5:15pm	Bus Drop Avoca St Randwick by Sydney Lodges, 235 Avoca St, Randwick NSW 2031
	<b>End of Field Trip Day 2</b>
<b>Dress Code</b>	<p><i>For the mine tour, the mine will provide all necessary PPE. However, to enter the site, you must bring long-pants, and long-sleeve shirts, and enclosed footwear. You may need to take a shower after the visit, so please bring your own towel.</i></p> <p><i>Please also be aware that to visit underground, the Australian mines have a clean-shaven policy. This means that all visitors must be clean shaven to visit underground where they may need to wear a dust mask.</i></p> <p><i>Australian mines have drug and alcohol policies in place which include the mine having an option for random or compulsory testing of visitors before allowing them access to the site. It is therefore possible that those attending the SOMP Field Trips may be required to submit a breath test for blood alcohol level, prior to accessing the mine sites. The acceptable levels vary from company to company but are usually either 0.02% or 0.00%. Please be mindful of this during the field trips.</i></p>





**75**  
YEARS

**Celebrating  
progress for all**

**Saturday 7 September 2024  
9:00am-4:00pm**

With 40,000+ prospective students and families in attendance, Open Day is an important opportunity to showcase the very best of what UNSW has to offer.

Come and join us to see our efforts for attracting high school students to study Mining Engineering.



**360 Degree Virtual Reality Theatre**  
Step into a 360° 3D mine with our epic VR theatre

**Advanced computing including VR & AR**

Dive into a virtual mine site and explore minerals with VR



**Hologram Table**  
Explore 3D holograms of mines and learn about mine safety



**Join us for BBQ**  
12:00PM – 2:00PM



**Industry Pavilion**  
Chat with industry pros and see where a degree in Mining can take potential students.



**Resourcing the future lecture by Prof Ismet Canbulat**  
10:00AM and 1:00PM  
Ainsworth G02

**Robot Dog**  
Meet our robot dog and watch his tricks!





## SHUTTLE BUS INFORMATION

Please note that there will be no shuttle bus transfer for

- Saturday 7 September, UNSW Open Day
- Sunday 8 September, Council and Committee Meetings as well as Welcome Cocktail

<b>Monday 9 September 2024</b>	
6:50am	Bus Departs Ibis Sydney Darling Harbour, 70 Murray St, Pyrmont NSW 2009
7:10am	Bus Departs Pullman Sydney Hyde Park, 36 College St, Darlinghurst NSW 2010
7:30am	Arrive at UNSW, walk to John Niland Scientia Building, UNSW, G19 Library Rd
	<b>SOMP Day 1</b>
5:15pm	Bus Departs from UNSW
5:30pm	Bus Arrives Coogee Surf Life Saving Club, Corner of Carr Street and Beach Street, Coogee NSW
	<b>Multicultural Night</b>
10:15pm	Bus Departs from Coogee Surf Life Saving Club, Corner of Carr Street and Beach Street, Coogee NSW
10:20pm	Bus Stops at Avoca St Randwick by Sydney Lodges, 235 Avoca St, Randwick NSW 2031
10:40pm	Bus Stops at Pullman Sydney Hyde Park, 36 College St, Darlinghurst NSW 2010
10:50pm	Bus Stops Ibis Sydney Darling Harbour, 70 Murray St, Pyrmont NSW 2009
<b>Tuesday 10 September 2024</b>	
7:10am	Bus Departs Ibis Sydney Darling Harbour, 70 Murray St, Pyrmont NSW 2009
7:30am	Bus Departs Pullman Sydney Hyde Park, 36 College St, Darlinghurst NSW 2010
8:00am	Arrive at UNSW, walk to John Niland Scientia Building, UNSW, G19 Library Rd
	<b>SOMP Day 2</b>
4:00pm	Bus Departs from UNSW
4:30pm	Bus Stops at Pullman Sydney Hyde Park, 36 College St, Darlinghurst NSW 2010
4:45pm	Bus Stops Ibis Sydney Darling Harbour, 70 Murray St, Pyrmont NSW 2009
	<b>Get Ready for SOMP Awards Dinner</b>
5:00pm	Bus Departs from Avoca St Randwick by Sydney Lodges, 235 Avoca St, Randwick NSW 2031
5:30pm	Bus Departs Pullman Sydney Hyde Park, 36 College St, Darlinghurst NSW 2010
6:00pm	Bus Arrives Ibis Sydney Darling Harbour, 70 Murray St, Pyrmont NSW 2009. Walk to No 4, King Street Wharf, Darling Harbour for Dinner Cruise Departure
	<b>SOMP Awards Dinner</b>
10:10pm	Bus Departs from Ibis Sydney Darling Harbour, 70 Murray St, Pyrmont NSW 2009
10:20pm	Bus Stops at Pullman Sydney Hyde Park, 36 College St, Darlinghurst NSW 2010
10:40pm	Bus Stops at Avoca St Randwick by Sydney Lodges, 235 Avoca St, Randwick NSW 2031
<b>Wednesday 11 September 2024</b>	
7:10am	Bus Departs Ibis Sydney Darling Harbour, 70 Murray St, Pyrmont NSW 2009
7:30am	Bus Departs Pullman Sydney Hyde Park, 36 College St, Darlinghurst NSW 2010
8:00am	Arrive at UNSW, walk to John Niland Scientia Building, UNSW, G19 Library Rd
	<b>SOMP Day 3</b>
	<b>Closing Function</b>
7:15pm	Bus Departs from UNSW
7:35pm	Bus Stops at Pullman Sydney Hyde Park, 36 College St, Darlinghurst NSW 2010
7:45pm	Bus Stops Ibis Sydney Darling Harbour, 70 Murray St, Pyrmont NSW 2009



## CONTACT INFORMATION

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Society of Mining Professors

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