# AusDM24 Conference Program – Day 1*

*All times are AEDT.

*Venue: RMIT Swanston Academic Building/ B80.011.010 (Lecture Theatre)*
*Date: Monday 25 November 2024*

| | **Theme: Data Science, Machine Learning, and AI in Cybersecurity**<br>MC: Dr Yee Ling Boo |
|---|---|
| 8.30am – 9.00am | **Registration Open** |
| 9.00am – 9.10am | **Opening & Acknowledgement of Country**<br>(Dr Yee Ling Boo) |
| 9.10am – 10.00am | **Keynote: Securing Graph Neural Networks in MLaaS**<br>Associate Professor Xingliang Yuan (University of Melbourne)<br>(Session Chair: Dr Chao Chen) |
| 10.00am – 10.30am | **Morning Tea** |
| 10.30am – 12.00pm | ***Industry Panel Discussion***<br>Mayur Kriplani (EY)<br>Dr Sebastian Wong (Defence Science and Technology)<br>Dr Maggie Liu (RMIT University)<br>Guru Hedge (Microsoft)<br>(Moderator: Dr Chao Chen) |
| 12.00pm – 1.00pm | **Lunch** |
| 1.00pm – 4.00pm | **Tutorial 1 – Human Centred Explainable AI: Principles, Guidelines and Practical Examples**<br>Dr Ronal Singh (CSIRO Data61) and Professor Tim Miller (University of Queensland)<br>(Session Chair: Dr Su Nguyen) |
| 4.00pm – 4.30pm | **Afternoon Tea** |
| 4.30pm – 5.45pm | **Session 1 – Research Track Paper Presentations (5 papers)**<br>(Session Chair: Dr Thirunavukarasu (Thiru) Balasubramaniam) |
| 5.45pm – 6.30pm | **Social Networking session/ Reception** |

# AusDM24 Conference Program – Day 2*

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*Venue: RMIT Swanston Academic Building/ B80.011.010 (Lecture Theatre)*
*Date: Tuesday 26 November 2024*

| | **Theme: Data Science, Machine Learning, and AI in Digital Transformation**<br>MC: Dr Yee Ling Boo |
|---|---|
| 8.30am – 9.00am | **Registration Open** |
| 9.00am – 9.45am | **Keynote: Driving Human Centric Digital Transformation**<br>Professor Prem Prakash Jayaraman (Swinburn University of Technology)<br>(Session Chair: Dr Pei-Wei Tsai) |
| 9.45am – 10.15am | **Morning Tea** |
| 10.15am – 11.30am | *Industry Panel Discussion*<br>Syed I Ahmad (Department of Transport and Planning, Victoria)<br>Dr Behnam Atazadeh (University of Melbourne)<br>Craig Lawton (Amazon Web Services)<br>(Moderator: Dr Asara Senaratne) |
| 11.30am – 12.45pm | **Session 2 – Application Track Paper Presentations (5 papers)**<br>(Session Chair: Dr Araz Nasirian) |
| 12.45pm – 1.45pm | **Lunch** |
| 1.45pm – 3.45pm | **Tutorial 2 – Communicating Complex Data with Visualisation**<br>Associate Professor Quang Vinh Nguyen and Dr Jolin Qu (Western Sydney University)<br>(Session Chair: Dr Robert Shen) |
| 3.45pm – 4.15pm | **Afternoon Tea** |
| 4.15pm – 5.15pm | **Session 3 – Research Track Paper Presentations (4 papers)**<br>**Theme: Machine Learning**<br>(Session Chair: Dr Thirunavukarasu (Thiru) Balasubramaniam) |
| 5.15pm – 5.45pm | **Getting to the venue of conference dinner** |
| 5.45pm – 8.45pm | **Conference Dinner Cruise** |

# AusDM24 Conference Program – Day 3*

*All times are AEDT.

*Venue: RMIT Swanston Academic Building/ B80.011.010 (Lecture Theatre)*
*Date: Wednesday 27 November 2024*

| | **Theme: Data Science, Machine Learning, and AI in Environmental, Social and Governance (ESG)**<br>MC: Dr Yee Ling Boo |
|---|---|
| 8.30am – 9.00am | **Registration Open** |
| 9.00am – 9.45am | **Keynote: Unearthing the Past: Using Text-Mining to Support the Repatriation of First Nations Ancestral Remains**<br>Professor Richi Nayak (Queensland University of Technology)<br>(Session Chair: Dr Weijia Zhang) |
| 9.45am – 10.15am | **Morning Tea** |
| 10.15am – 11.15am | ***Industry Panel Discussion***<br>Mitch Tomazic (EY)<br>Professor Gillian Vesty (RMIT University)<br>Rakesh Singh (Oracle)<br>Dr Arbind Agrahari Baniya (Department of Energy, Environment and Climate Change, Victoria)<br>(Moderator: Dr Yee Ling Boo) |
| 11.15am – 12.30pm | **Session 4 – Research Track Paper Presentations (5 papers)**<br>**Theme: Deep Learning and LLMs**<br>(Session Chair: Dr Asara Senaratne) |
| 12.30pm – 1.30pm | **Lunch** |
| 1.30pm – 2.30pm | **Doctoral Consortium**<br>**Panel Discussion**<br>Dr. Feng Liu (University of Melbourne),<br>Dr. Lin Yue (University of Adelaide)<br>Dr. Tahereh (Tara) Pourhabibi (Intelia)<br>(Session Chairs: Dr. Weijia Zhang and Dr. Pei-Wei Tsai) |
| 2.30pm – 4.30pm | **Doctoral Consortium – Pitch Your Project**<br>(Session Chairs: Dr. Weijia Zhang and Dr. Pei-Wei Tsai) |
| 4.30pm – 5.30pm | **Networking Coffee Chat/ Afternoon Tea** |