



Research Symposium.

Sunday 24 November 2019

Ann Harding Conference Centre, Canberra

Paul Salmon - Chair

1pm – 1.10pm Symposium opening and housekeeping

1.10pm – 2.00pm Future work systems

1.10pm – 1.25pm, Using cognitive work analysis to explore future changes to the work of human factors and ergonomics practitioners, *Gemma Read*

1.25pm – 1.40pm, Humanising non-human systems: the role of Human Factors and Ergonomics in Artificial General Intelligence system design, *Paul Salmon*

1.40pm – 2.00pm, Using Model-Based Systems Engineering to Consider the Impact of New Technologies Introduction on Organisational Systems, *Grace Kennedy*

2.00pm – 3.30pm Safety and Risk

2.00pm – 2.15pm, Forecasting emergent risks in the work systems of the future: the final frontier for Human Factors and Ergonomics, *Clare Dallat*

2.15pm – 2.30pm, Near misses in future work systems: Applying a multi-method systems analysis approach for determining effective work practice in near misses, *Brian Thoroman*

2.30pm – 2.45pm, Looking into a crystal ball: Developing leading indicators for future safety management, *Elizabeth Grey*

2.45pm – 3.00pm, Are workplace psychosocial hazards being effectively managed? Jenni Robertson, *Chris Jayne*

3:00pm – 3:30pm Afternoon Tea

3.30pm – 4.10pm Cybersecurity and E-gaming

3.30pm – 3.50pm, Functional Systems within Cryptolaunders processes – Work Domain Analysis Applied to Cryptolaunders Activities, *Dennis Desmond*

3.50 – 4.10pm, HFE and Cybercrime: Using Systems Ergonomics to Design Darknet Marketplace Interventions, *Ben Lane*

4.10pm – 5.00pm Training and Behaviour

4.10pm – 4.30pm, Goldilocks on a Train: Key Learnings for Reducing Sedentary Behaviour in Complex Work Environments, *Anjum Naweed*

4.30pm – 4.50pm, Augmenting Learning with Eye-tracking: An Evaluation in an Operational Fighter Pilot Training Setting, *Kyle Wilson*