

PROGRAM: Monday 23 March 2015

8.00am	REGISTRATION OPENS		
9.00am - 9.30am	Official Opening Welcome to Country, Marie Taylor Opening Address, Her Excellency the Honourable Kerry Sanderson AO , Governor of Western Australia Welcome Address , Conference Convenor		Sirius Room
9.30am - 10.30am	PLENARY SESSION <i>Understanding and Managing Fatigue in Truck Drivers: VTTI's Research (Past and Present) and Areas of Opportunity</i> Dr Richard Hanowski , Director, Center for Truck & Bus Safety, Virginia Tech Transportation Institute, Virginia, USA		Sirius Room
10.30am - 11.00am	MORNING TEA & POSTER DISPLAY		Southern Cross Lobby
11.00am - 12.30pm	CONCURRENT A Fatigue and Road Transport Crashes <i>Pleiades Room</i>	CONCURRENT B Fatigue in Maritime Environments <i>Sirius Room</i>	
Chair:	Dr Paul Roberts	Libby Brook	
11.00am - 11.30am	<i>Sleep-Related Crashes in High Speed Environments</i> Dr Ashleigh Fitness	<i>Symptoms of Fatigue and Coping Strategies in Maritime Pilotage</i> Dr Tim Chambers	
11.30am - 12.00pm	<i>Work-Related Fatigue and Other Risk Factors in Commuter Motorcyclist Crashes in Malaysia: Development of a Program to Manage Risk in the Workplace</i> Dr Jennie Oxley	<i>Shifting Shipping Towards Adopting Fatigue Risk Management Systems: Challenges and Research Gaps</i> Dr Michelle Grech	
12.00pm - 12.30pm	<i>Presentation TBC</i>	<i>I'm Fatigued, not Tired: Assessing the Relationships of the MEQ & CIS-20-R Fatigue Subscales with Sleep and Workplace Performance Indicators Within Military Maintenance Personnel</i> Dr Robert ForsterLee	
12.30pm - 1.30pm	LUNCH & POSTER DISPLAY		Atrium Garden Restaurant
1.30pm - 3.00pm	CONCURRENT A Assessing Fatigue Risk <i>Pleiades Room</i>	CONCURRENT B Fatigue in Commercial and HV Drivers <i>Sirius Room</i>	
Chair:	Dr Paul Roberts	Prof Lynn Meuleners	
1.30pm - 2.00pm	<i>Development and Validation of a Non-Intrusive and Real-Time Monitor of Mental Fatigue for Office Workers</i> Dr Adam Fletcher	<i>Health-Related Factors Associated with Long Distance Heavy Vehicle Crashes in Western Australia</i> Prof Lynn Meuleners	
2.00pm - 2.30pm	<i>Introducing the IPIECA-IOGP Guidance on Assessing Risk from Operator Fatigue</i> Dr Ron McLeod	<i>The Effect of Body Mass Index (BMI), Sleep Quantity and Sleep Quality on Sleepiness Among Truck Drivers in Malaysia</i> Dr Jennie Oxley	
2.30pm - 3.00pm	<i>Managing the Risks of Fatigue: Naturalistic Data from the Mining and Transportation Industries</i> Christopher Hocking	<i>The Commercial Driver Individual Differences Study</i> Dr Richard Hanowski	
3.00pm - 3.30pm	AFTERNOON TEA & POSTER DISPLAY		Southern Cross Lobby
3.30pm - 4.15pm	PLENARY SESSION <i>From Causes to Changes: Key Lessons from Accident Investigations</i> Dr Jana Price , Senior Human Performance Investigator, National Transportation Safety Board, Office of Highway Safety, Washington, DC, USA		Sirius Room
4.15pm - 5.00pm	PANEL DISCUSSION <i>Translation and Implementation of Research into Policy and Practice</i> Facilitated by Prof Drew Dawson		Sirius Room
5.00pm - 7.00pm	WELCOME RECEPTION		Southern Cross Lobby

PROGRAM: Tuesday 24 March 2015

8.00am	REGISTRATION OPEN		Sirius Room
8.50am - 9.00am	DAY TWO INTRODUCTION		
9.00am - 9.45am	PLENARY SESSION <i>Fatigue Modelling: Past, Present and Future</i> Prof Drew Dawson, Director, Appleton Institute, Central Queensland University - Adelaide Campus, South Australia		Sirius Room
9.45am - 10.30am	PLENARY SESSION <i>Health and Economic Aspects of Sleep Disorders</i> Clinical Prof David Hillman, Chair, Sleep Health Foundation, Sleep Physician, Department of Pulmonary Physiology and Sleep Medicine, Sir Charles Gairdner Hospital, Perth, Western Australia		Sirius Room
10.30am - 11.00am	MORNING TEA & POSTER DISPLAY		Southern Cross Lobby
11.00am - 12.30pm	CONCURRENT A Health	Pleiades Room	CONCURRENT B Technology Sirius Room
Chair:	Melanie Freeman		Dr Jennie Oxley
11.00am - 11.30am	<i>Sleep, Fatigue and Health in Australian Adults: A Cross-Sectional Study</i> Zoe Pyper		<i>How Technology can Support and Sabotage Safe Productivity: Risk Management for our Future Workforces</i> Dr Adam Fletcher
11.30am - 12.00pm	<i>Effects of Sleep Loss on Vigilance, Executive Functioning, Metacognitive Confidence and Decision Making</i> Simon Jackson		<i>Safe and Productive - Building a Business Case for Safety Automation Solutions to Reduce Fatigue Risk</i> Helen Wood
12.00pm - 12.30pm	<i>Fatigue and Mental Health in Rural and Regional Ambulance Personnel</i> Zoe Pyper		<i>Test of a New Drowsiness Monitoring System Based on Images of the Eye</i> Clémentine François
12.30pm - 1.30pm	LUNCH & POSTER DISPLAY		Atrium Garden Restaurant
1.30pm - 3.00pm	CONCURRENT A Sleep Quality	Pleiades Room	CONCURRENT B Fatigue Monitoring and Data Sirius Room
Chair:	Melanie Freeman		Peter Palamara
1.30pm - 2.00pm	<i>Poor Sleep Quality and Fatigue in Shift Working Police Officers - Effects of a 12 Hour Roster System on Cardiovascular and Sleep Health</i> Jaymen Elliott		<i>Efficient Fatigue Data Collection with Mobile Devices</i> Tomas Klemets
2.00pm - 2.30pm	<i>An Industry Case Study of Sleepover Shifts in Disability Support</i> A/Prof Jillian Dorrian		<i>Evaluating in-Vehicle Technology to Manage the Fuel and Safety Costs of Driving Fatigued: Part 1</i> Simon Tong
2.30pm - 3.00pm	<i>Overtime Work and Sleep Patterns Among Offshore Personnel</i> Dr Kathy Parkes		<i>Evaluating in-Vehicle Technology to Manage the Fuel and Safety Costs of Driving Fatigued: Part 2</i> Simon Tong
3.00pm - 3.30pm	AFTERNOON TEA & POSTER DISPLAY		Southern Cross Lobby
3.30pm - 4.00pm	PLENARY SESSION <i>CRC for Alertness Information Session</i> Prof Shantha Rajaratnam, Professor, School of Psychology and Psychiatry at Monash University Lecturer in Medicine, Division of Sleep Medicine at Harvard Medical School Associate Neuroscientist, Division of Sleep Medicine, Brigham and Women's Hospital (USA) Board of the Australasian Sleep Association		Sirius Room
4.00pm - 4.30pm	PLENARY SESSION <i>CRC for Alertness Information Session</i> Anthony Williams, Chief Executive Officer, CRC for Alertness, Safety and Productivity, Victoria		Sirius Room

PROGRAM: Wednesday 25 March 2015

8.00am	REGISTRATION OPEN		Sirius Room
8.50am - 9.00am	DAY THREE INTRODUCTION		
9.00am - 9.45am	PLENARY SESSION		Sirius Room
	<p><i>Fatigue Risk Management in Commercial Aviation: from Basic Research to Alternate Methods of Compliance</i> Prof Hans Van Dongen, Director, Sleep and Performance Research Center Research Professor, College of Medicinal Sciences Washington State University Spokane, Washington, USA</p>		
9.45am - 10.30am	PLENARY SESSION		Sirius Room
	<p><i>How Sleep Biology Increases the Risks for Young Novice Drivers</i> Prof Mary Carskadon, Professor, Psychiatry and Human Behavior, Warren Alpert Medical School of Brown University Director, Chronobiology and Sleep Research Laboratory, EP Bradley Hospital, Providence, USA Professor of Psychology Director, Centre for Sleep Research, School of Psychology, Social Work and Social Policy, University of South Australia, Australia</p>		
10.30am - 11.00am	MORNING TEA & POSTER DISPLAY		Southern Cross Lobby
11.00am - 12.30pm	CONCURRENT A	Pleiades Room	CONCURRENT B Sirius Room
	Fatigue in Aviation		Fatigue Awareness
Chair:	Dr Paul Roberts		Libby Brook
11.00am - 11.30am	<p><i>Pilot Fatigue Measurement</i> Dr Henk Dijk Van</p>		<p><i>Exploring Integration of Fatigue into the Graduated Driver Training and Licensing Scheme: Beyond Education, what else can be done?</i> Parik Lumb</p>
11.30am - 12.00pm	<p><i>Sleep in Nighttime Hub Turn Cargo Flight Operations</i> Suresh Rangan & Patrick Hagerty</p>		<p><i>Fatigued Driving: Understanding Risk Perception</i> Dr Jessica Paterson</p>
12.00pm - 12.30pm	<p><i>A High-Fidelity Simulator Experiment to Investigate Fatigue in Multi-Segment Flight Operations</i> Prof Hans Van Dongen</p>		<p><i>The Relationships between Fluctuations in Sleepiness and Performance over a 2 Hour Drive</i> Prof Ann Williamson & Dr Rena Friswell</p>
12.30pm - 1.30pm	LUNCH & POSTER DISPLAY		Atrium Garden Restaurant
1.30pm - 5.00pm	WORKSHOP		Pleiades Room
	<p><i>Practical Application of Fatigue Management within Industry Settings: Tools, Techniques and Tactics</i> Dr Adam Fletcher, Principal Consultant & CEO, Integrated Safety Support</p>		
7.00pm - late	OPTIONAL SOCIAL ACTIVITIES (refer to page 15)		

PROGRAM: Thursday 26 March 2015

8.00am	REGISTRATION OPEN	
8.50am - 9.00am	DAY FOUR INTRODUCTION Sirius Room	
9.00am - 9.45am	PLENARY SESSION Sirius Room <i>Lapses of Responsiveness: A Focus on the Characteristics, Dangers, Underlying Mechanisms, and Detection of Microsleeps</i> Prof Richard Jones , Neuroengineer & Neuroscientist Director, Christchurch Neurotechnology Research Programme, Canterbury DHB & University of Canterbury & University of Otago & NZ Brain Research Institute Professor, Department of Electrical & Computer Engineering, Department of Communication Disorders, Department of Psychology, University of Canterbury Research Associate Professor, Department of Medicine, University of Otago, Christchurch Senior Biomedical Engineer, Research & Training Coordinator, Department Medical Physics & Bioengineering, Christchurch Hospital	
9.45am - 10.30am	PLENARY SESSION Sirius Room <i>Effective Fatigue Risk Management: Is it Keeping up with the Research Evidence?</i> Prof Ann Williamson , Director and NHMRC Senior Research Fellow, Transport and Road Safety (TARS) Research, School of Aviation, University of New South Wales	
10.30am - 11.00am	MORNING TEA & POSTER DISPLAY Southern Cross Lobby	
11.00am - 12.30pm	CONCURRENT A Pleiades Room Fatigue in Oil and Gas Environments	CONCURRENT B Sirius Room Shiftwork Issues
Chair:	Peter Palamara	Prof Mark Stevenson
11.00am - 11.30am	<i>North American Pipeline Control Rooms: Fatigue Risk Management Systems</i> Charles Alday	<i>Objective and Subjective Performance Following Short Night-Time Naps</i> Dr Siobhan Banks
11.30am - 12.00pm	<i>Benchmarking Fatigue Risk Management Systems: Is Best Practice Common Practice?</i> Libby Brook	<i>Does Napping on Night-Shift Reduce Safety Risks on the Morning Commute?</i> Dr Siobhan Banks
12.00pm - 12.30pm	<i>Case Study: What the Resources Industry can Learn from the Australian Pipeline Industry's Fight Against Fatigue?</i> Helen Wood & Teegan Modderman	<i>Implementing a Novel Lighting Intervention to Improve Alertness and Performance in Night Shift Workers</i> Dr Tracey Sletten
12.30pm - 1.30pm	LUNCH & POSTER DISPLAY Atrium Garden Restaurant	
1.30pm - 2.30pm	CONCURRENT A Pleiades Room Working Hours	CONCURRENT B Sirius Room Sleep Disorders
Chair:	Prof Lynn Meuleners	Dr Jennie Oxley
1.30pm - 2.00pm	<i>Bus Drivers Working Hours and the Relationship to Driver Fatigue</i> A/Prof Anna Anund	<i>Obstructive Sleep Apnoea Causes Decreased Cerebral Perfusion during Wakefulness</i> Prof Richard Jones
2.00pm - 2.30pm	<i>An Approach for Holistic Fatigue Risk Monitoring</i> Tomas Klemets	<i>The Role of Sleepiness, Sleep Disorders, and the Work Environment on Heavy-Vehicle Crashes in Two Australian States</i> Prof Mark Stevenson
2.30pm - 3.00pm	AFTERNOON TEA & POSTER DISPLAY Southern Cross Lobby	
3.00pm - 4.00pm	CLOSING PANEL Sirius Room <i>Fatigue as a Public Health Issue</i> Dr Jana Price Prof Ann Williamson Clinical Prof David Hillman Prof Richard Jones Prof Hans van Dongen Prof Mark Stevenson Prof Shantha Rajaratnam Prof Drew Dawson	
4.00pm	CONFERENCE CLOSE	