

**“Chile-Australia: development and scientific opportunities for our future world”**

Start	Finished	Thursday 22 <sup>nd</sup> November 2018	
7:45	9:00	<b>Registration</b>	
8:30	9:00	<p align="center"><b>Conference opening ceremony</b></p> <ul style="list-style-type: none"> <li>•Welcome from The 6th Chilean Graduate Conference in Australia, Hobart Representative</li> <li>•Welcome remarks Chilean Embassy</li> <li>•Inaugural speech Ms Toni Moate</li> </ul> <p align="center">Director, National Collections &amp; Marine Infrastructure (CSIRO)</p>	
		<b>Session 1: Marine Science</b>	
9:00	9:30	<b>Dr. Rich Little</b>	
9:30	9:40	Fisheries integration across the Pacific: Australia and Chile	Claudio Castillo-Jordan
9:40	9:50	Under pressure: Fisheries and climate change in a highly vulnerable marine ecosystem.	Javier Porobic
9:50	10:00	How do we prevent the economic benefits of fisheries being exported?	Rafael Leon
10:00	10:10	Macrophytes as management tool of heavy metal pollution in coastal and estuarine environments	Daniela Farías
10:10	10:20	Identifying 'firebreaks' to fragment connectivity networks of a marine parasite	Francisca Samsing
10:20	10:40	Lighting lecture (Poster presentation!)	
10:40	11:10	Morning tea	
		<b>Session 2: Sustainability and Natural Resources</b>	
11:10	11:40	<b>Dr Auro Almeida</b>	
11:40	11:50	Multi-criteria tool to support decision-making for waste processing technologies in the red meat industry.	Ignacio Gonzalez
11:50	12:00	Stable flame limits for optimal radiant performance of porous media reactors for thermophotovoltaic applications using packed beds of alumina	Philippe Gentillon
12:00	12:10	Bad attitudes predating on good conservation strategies	Javiera Paz Jara Diaz
12:10	12:20	Spatial variation of wood properties in E. nitens plantations in Tasmania, Australia	Mario Vega
12:20	12:30	Feasibility of 100% renewable electricity mix before 2040 - The Case of Chile	Felipe Hödar
12:30	13:40	Lunch	
13:40	13:50	Linking rock breakage properties with its geological characteristics for a more sustainable process	Pia Lois
13:50	14:00	Regional inverse modelling for the estimation of CO2 fluxes in Australia using satellite observations from The Orbiting Carbon Observatory-2 (OCO-2)	Yohanna Villalobos
14:00	14:10	Using the water value method and irrigation targets for long-term programming of electric systems	Juan Manuel Puertas
14:10	14:20	How much virus do I have? A proposal for a faster and reliable method to estimate viral titres	José Quinteros
14:20	14:30	Security constrained expansion planning of low carbon power systems	Sebastian Puschel
14:30	15:00	Afternoon tea + poster session	
15:00	16:30	Workshop 1: Editors point of view	
16:30	16:50	Creating a common view to generate strategies: UQChile organisation and Redes Chilenas Network	Pia Lois
17:30		Transport to the conference dinner (leaving from CSIRO)	
18:00		Conference dinner + networking	

Friday 23<sup>rd</sup> November 2018

**Session 3: Biomedical Science**

9:00	9:30	<b>Prof Alison Venn</b>	
9:30	9:40	The type of exercise matters! Differential metabolic benefits of moderate-intensity versus high-intensity interval training in obese mice	Sergio F Martinez
9:40	9:50	Using Intravital two-photon microscopy to understand the role of neutrophils and PVM in transport and dissemination of Leishmania major parasites	María Elizabeth Torres
9:50	10:00	Pharmacological targeting of the inflammasome: Towards novel therapeutics for Parkinson's disease	Eduardo Albornoz
10:00	10:10	Effects of Tai Chi on flexibility, muscle strength, and balance of community-dwelling older adults with fall risk	Ivonne Rodriguez
10:10	10:20	E-health to empower patients with Musculoskeletal Pain in Rural Australia (EMPower): a pilot study	Antonio Michell
10:20	10:30	Assessing age-related changes in motion perception and its relationship with driving	Juan Sepulveda
10:30	10:40	Interaction of calcium signalling and the cytoskeleton in pathfinding neuronal growth cones	Macarena Pavez

Morning tea

**Session 4: Humanities and social sciences**

11:10	11:40	<b>Dr. Sarah Dawkins</b>	
11:40	11:50	Mi amiga Gladys: 'affect' in Pedro Lemebel's last book	Julio Uribe
11:50	12:00	The influence of parental factors in parents' intention to participate in parenting interventions	Carolina Gonzalez
12:00	12:10	Bionic Design: A Second Nature	Axel Fernando Muñoz
12:10	12:20	Understanding Targeted Parents of Parental Alienation: Experiences, Characteristics and Coping Strategies	Saulyn Lee-Maturana
12:20	12:30	The role of Psychological Capital on Employees' Mental Health in Australian Employees: A Comparative Evaluation of Industries and the Moderating Effect of Union and Organisation	Mauricio Ramirez

Lunch

12:30	13:40		
13:40	13:50	History of gifted education in Chile: Connecting past, present and future	Claudia A. Cornejo
13:50	14:00	The writing journey in a novice writer: an autoethnography	Marcela Gallardo
14:00	14:10	The fluency gap: Second language fluency in Chilean Spanish Speakers of English as a second language	Isadora Reynolds
14:10	14:20	Poverty and lack of water access in Nairobi	Jorge Leiva

Afternoon tea

14:20	15:00		
15:00	16:30	<b>Workshop 2: Science communication: Toward effective engagement</b>	
16:30	16:45	Conference closing ceremony	