

Mercury Australia Symposium 2021

Day 1 – Tuesday 14th December 2021

Date	Session Title	Time (AEDT)	Presentation title	Presenter	
Tuesday, 14 September 2021	Opening and Acknowledgement of Country	1:00 PM	Welcome to MA Symposium 2021, Acknowledgement of Country	Tom Cresswell, Francesca Gissi, Brett Rowling	
		1:05 PM	Welcome to ANSTO	ANSTO Management	
		1:10 PM	Welcome from Mercury Australia	Larissa Schneider, Jenny Fisher	
	Keynote presentation 1	1:15 PM	The Minamata Convention on Mercury – Australia’s involvement in addressing global mercury pollution.	Sarah Douglass	
	Break (5 mins)		1:40 PM		
	Mercury in ASGM	1:45 PM	The Lost Mines Project: Understanding Mercury Loss from Legacy Mining.	Susan Lawrence	
		2:05 PM	Mercury and the artisanal mining gold rush, Buru Island, Indonesia: challenges for impact minimisation.	Amanda Reichelt-Bruschett	
		2:25 PM	“A large ball of hard amalgam was displayed”: The use of Mercury in historical gold mining in Queensland.	Geraldine Mate	
		2:45 PM	Significance of Colloidal Forms on Mercury (Hg) Dispersion within the Tropical Burdekin River Environment, Queensland.	Fiona Henderson	
	Break (10 mins)		3:05 PM		
	Mercury in offshore infrastructure decommissioning	3:15 PM	Current understanding of mercury accumulation in decommissioned subsea oil and gas pipelines.	Fenny Kho	
		3:35 PM	Removal of wall-bound mercury for the decommissioning of oil and gas infrastructure using novel chemistries.	Timothy Coggan	
		3:55 PM	Environmental controls on Hg speciation in marine sediments – a geochemical modelling investigation into Hg from subsea oil and gas infrastructure.	Darren Koppel	
		4:15 PM	Radioisotope tracing at ANSTO to understand mercury methylation in the marine environment.	Francesca Gissi	
		4:35 PM	Using food web modelling to determine mercury accumulation in marine species and the associated human exposure.	Rebecca von Hellfeld	
	Break (10 mins)		4:55 PM		
	Keynote presentation 2	5:05 PM	Differences in biogeochemical mercury cycling and anthropogenic mercury enrichment between Northern and Southern hemispheres.	Jeroen Sonke and Chuxian Li	
	Day 1 wrap up	5:55 PM		Tom Cresswell, Francesca Gissi	
	Day 1 close	6:00 PM			

ANSTO LOCATION

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Day 2 – Wednesday 15th December 2021

Date	Session Title	Time (AEDT)	Presentation title	Presenter
Wednesday, 15 September 2021	Recap of day 1	9:00 AM	Recap and housekeeping	Tom Cresswell, Francesca Gissi
	Metrohm Australia sponsored presentation	9:10 AM	Mercury - Analytical Techniques and Real-World Applications.	Jeremy Matthews
	Mercury in the atmosphere	9:30 AM	Monitoring of atmospheric mercury in Australia.	Jennifer Powell
		9:50 AM	Impact of Australian Anthropogenic Mercury Emissions on Atmospheric Mercury.	Stephen MacFarlane, Jenny Fisher
		10:10 AM	Long-term Mercury Record (~15.03 - 9.5 cal Kyr BP) from Lake Lantoa, Indonesia.	Jalene Nalbant
	Break (10 mins)	10:30 AM		
	Mercury in the Australian environment	10:40 AM	Legacy mercury in Australia.	Saul Guerrero
		11:00 AM	Investigating the link between mercury deposition and regional temperature in the Australian Alps over the Holocene.	Larissa Schneider
		11:20 AM	Solving the puzzle of mercury in Lake Macquarie: Using hydrodynamic modelling to understand sources of mercury from coal-fired power plants.	Anna Lintern
		11:40 AM	From plant to plate: Linking global mercury emissions to Australian fish consumption.	Alison Haynes
	Break (10 mins)	12:00 PM		
	Day 2 wrap up and award presentations	12:10 PM		Francesca Gissi, Michelle Durant, Jeremy Matthews
	Symposium close	12:30 PM		Tom Cresswell, Francesca Gissi

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