

**5th Annual Dust and Respiratory Health Forum
Thursday 3 November 2022**

GHD Auditorium, Advanced Engineering Building, UQ, St Lucia Campus

PROGRAM

Time	Presentation	Speaker
9.00 - 9.05am	Opening address	Professor Rick Valenta, Acting Director, Sustainable Minerals Institute (SMI)
9.05 - 9.20am	Keynote address	The Honourable Grace Grace, Minister for Industrial Relations, Queensland Government
9.20 - 9.25am	Vote of thanks	Professor Maureen Hassall, Director Minerals Industry Safety and Health Centre, SMI
9.20 - 9.25am	Set up session 1	
9.30 - 10.00am	Coal mine dust lung disease in the US latest data and current research	Professor Bob Cohen, University of Illinois Chicago
10.00 - 10.30am	Respirable dust research highlights: characterization and monitoring	Associate Professor Emily Sarver, Virginia Tech
10.30 - 11.00am	Morning tea	
11.00- 11.30am	Update from Resources Safety and Health Queensland	Evan Pengelly, Health Surveillance Unit
11.30 - 12.00pm	Update from New South Wales Coal Services	Lucas Boyne, NSW Coal Services
12.00 - 12.30pm	Diesel exhaust exposure: Why going beyond regulatory compliance is needed and what can be achieved	Dr Rob McDonald, BHP

12.30 - 1.00pm	Health screening “true positives”, “false positives” and “incidental findings”: An investigation	Katrina Kildey, I-med Radiology
1.00 - 1.45pm	Lunch	
1.45pm - 2.15pm	Particle Chemistry and the Lung Response to Coal Dust	Basil Beamish, B3 Mining Services
2.15 - 2.45pm	Characterisation of Airborne Particulates in Australian Mines	Nikky LaBranche, Sustainable Minerals Institute
2.45 - 3.15pm	Physico-chemical characteristics and toxicity of coal mine and artificial stone particulates: Identifying factors critical to the pathogenesis and severity of coal workers’ pneumoconiosis and silicosis	Dr Andrew Kinsela and Dr Yingying Sun, University of New South Wales
3.15 - 3.45pm	Recent research in dust emissions monitoring, visualisation and characterising biological effects of particulate matter in the resources industry	Dr Dusan Ilic, University of Newcastle
3.45 - 4.15pm	Panel discussion and wrap up	all