# Mining3 Innovation Showcase 2017

**Date:** Tuesday, 24 October 2017  
**Venue:** Brisbane Convention and Exhibition Centre, Brisbane, Australia

<table>
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<td>12:00-12:30pm</td>
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| 12:30-12:45pm | **Welcome and future vision – Mining3 Roadmap**  
                     Paul Lever, CEO - Mining3  
| 12:45-1:10pm  | **Keynote speaker**  
                     Peter Kondos, Senior Director, Strategic Technology Solutions - Barrick  
| 1:10-1:30pm   | **The roadmap to a low footprint mine – In Place Mining**  
                     Ewan Sellers, Program Director - Mining3  
| 1:30-1:50pm   | **Beyond the rocks: Innovations that will change the world of mining**  
                     Anna Littleboy – CSIRO, Neville Plint – Sustainable Minerals Institute at UQ  
| 1:50-2:10pm   | **Advances in robotic and autonomous systems and their relevance to mining**  
                     Thierry Peynot, Program Director - QUT  
| 2:10-2:30pm   | **The 3D Internet**  
                     VoxelNet team - Mining3  
| 2:30-2:50pm   | **Autonomous design for mining: Creating robots that adapt to their environment**  
                     David Howard, Research Scientist – Autonomous systems - Data61  
| 2:50-3:10pm   | **Afternoon tea**                                                                            |
| 3:10-3:30pm   | **Continuous cutting: DynaCut™ update**  
                     Brad Neilson, President Hard Rock Mining - Joy Global  
| 3:30-3:50pm   | **Designing roadways to support automation**  
                     Roger Thompson, Professor of Mining Engineering - Curtin University  
| 3:50-4:10pm   | **Detection of tramp metal in mined material**  
                     Dihon Tadic, Principle Research Engineer – Mining3  
| 4:10-4:30pm   | **Autonomous sensors for monitoring groundwater in tailings dams**  
                     Fernando Vieira, Program Director – Mining3  
| 4:30-4:50pm   | **Securing the future of deep underground mining**  
                     Ernesto Villaescusa, Technology Leader - Curtin University  
| 4:50-5:10pm   | **Conveyor belt monitoring for wear detection**  
                     Paul Wilson, Electronics Engineer - Mining3  
| 5:10-5:30pm   | **Q&A session**  
                     Close  
| 5:30-7:30pm   | **Networking - Drinks and canapés**                                                         |