

2026 ISRM Workshop on Rockburst successfully held in Sydney, Australia

The 2026 ISRM Workshop on Rockburst was held from 7 to 9 October 2026 in Sydney, Australia, focusing on rockburst control. The workshop was organized by the ISRM Commission on Rockburst, and brought together researchers and industry experts to exchange knowledge and experience on rockburst mechanisms and control.

Professor Manchao He, President of the ISRM Commission on Rockburst, delivered a presentation on rockburst mechanisms and control. Professor Ismet Canbulat, Member of the ISRM Commission on Rockburst, and Professor John Watson from the University of New South Wales presented a web-based tool for rockburst risk assessment and control. Professor Murat Karakus, Member of the ISRM Commission on Rockburst, and Professor Giang D. Nguyen from the University of Adelaide discussed rockburst control strategies and theoretical & numerical prediction methods for rockburst control, respectively. Russell Thomas and Onur Vardar shared practical experience in coal burst control at Appin Mine. While Professor Fidelis Suorineni, Member of the ISRM Commission on Rockburst, from Nazarbayev University addressed the influence of mining practices on rockburst control in underground hard rock mines.



The workshop also included an underground visit to Appin Mine and technical visits to the rock mechanics and visualization laboratories at UNSW. These activities facilitated discussions between researchers and industry practitioners and strengthened international collaboration in rockburst research and control.

