



UNIVERSITY
OF WOLLONGONG
AUSTRALIA



AGH UNIVERSITY OF SCIENCE AND TECHNOLOGY

Fourth International Symposium on Dynamic Hazards in Underground Coal Mines

22nd ~ 23rd June 2019, CUMT, Xuzhou China

Venue: Room A604, School of Mines

China University of Mining and Technology (CUMT), China

University of Wollongong (UOW), Australia

AGH University of Science and Technology (AGH UST), Poland

Technical Program (Provisional)

Day One (Saturday 22 nd June 2019)	
3:00 – 7:00 PM	Symposium Registration (HanZhong FuXi Hotel)
7:00 – 8:50 PM	Welcome Dinner (HanZhong FuXi Hotel)
Day Two (Sunday 23 rd June 2019)	
8:00 – 8:30 AM	Registration (Room A604, School of Mines)
8:30 – 9:00 AM	Plenary Session – Chair: Prof. Lin-Ming DOU / Prof. Zhi-Jun WAN
Official Opening: Prof. Lin-Ming Dou, Director of Key Laboratory of Deep Coal Resource Mining (CUMT) Ministry of Education Welcome to China University of Mining and Technology: Vice President of CUMT (TBA) Welcome to School of Mines: Head of School of Mines, CUMT (TBA) Group Photo in the Front of the Symposium Hall	
9:00 – 10:00 AM	Technical Session I – Chair: Prof. Zong-Long MU
1. Lin-Ming DOU: Experimental study on the characteristics of coal samples under three-dimensional loading-unloading condition and the determination of critical burst stress 2. Ting REN: Kinetic energy associated with rib burst in underground coal mines	
10:00 – 10:20 AM Morning Tea	
10:20 – 12:00 PM	Technical Session II – Chair: Prof. Xu-Feng WANG
1. Zbigniew NIEDBALSKI, Piotr MAŁKOWSKI, Radoslaw POMYKALA: Methods of rockburst prediction applied in Polish coal mines - theory and examples 2. En-Yuan WANG Analysis of the evolution process on major rock burst events 3. Yi-Xin ZHAO: Dynamic Fracture of Coal: the role of microstructure and loading rate 4. Jun HAN: TBA	
12:00 – 2:00 PM Lunch & Poster Presentation	
2:00 – 3:40 PM	Technical Session III – Chair: Prof. An-Ye CAO
1. Xue-Qiu HE: Theory and practices for monitoring dynamic hazards of coal/rock by EMR 2. Antoni KROSNY, Damian ŚWIĄTEK: Advanced boreholes drilling for outburst hazard reduction 3. Jan NEMCIK: Modelling Dynamic Fracture Mechanisms and Rock/Coal Bursts 4. Kai-Xing WANG: Energy conversion and transfer in block rock media in the propagation process of dynamic stress	
3:40 – 4:00 PM Afternoon Tea	
4:00 – 5:40 PM	Technical Session IV – Chair: Dr. Xu-Wei LI
1. Yi-Yu LU: TBA 2. Yun-Liang TAN: Monitoring, preventing and controlling rock burst in deep coal mines 3. Ya-Jie WANG, Li TAN, <i>et al</i> : Five- dimensional condition design principle of energy release and absorption for high-stress 4. Tao-Tao DU: TBA	
6:00 PM Departure of Delegates	
6:30 PM Dinner for Delegates Leaving the Next Day	

