

APS Blasting 4

NEW DEVELOPMENT ON ENGINEERING BLASTING

Editor in Chief
Prof. WANG Xuguang

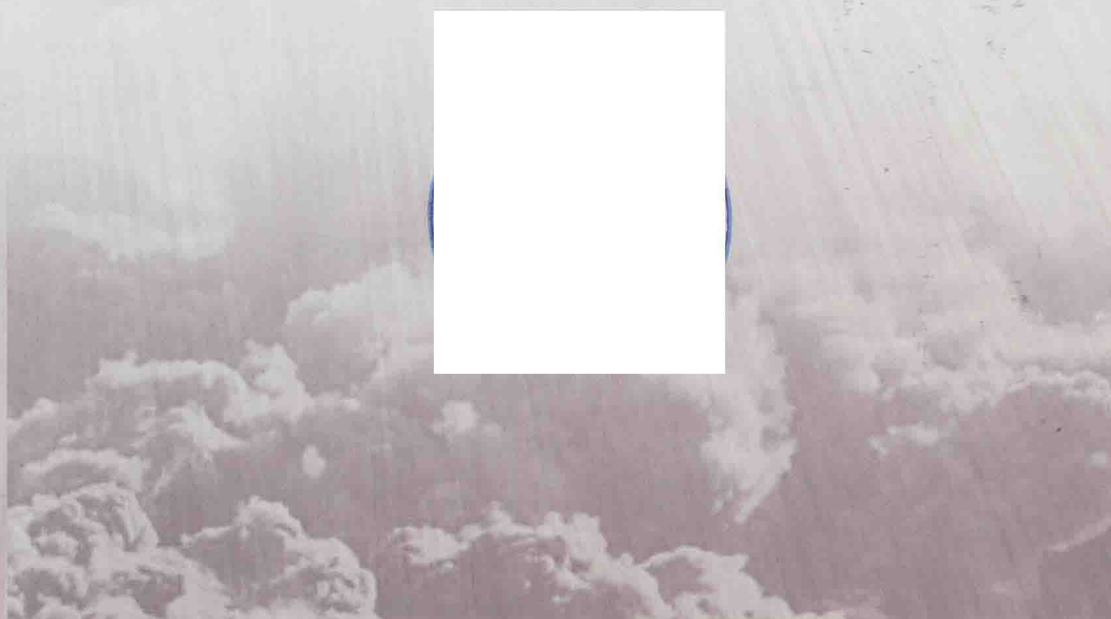
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4th Asia-Pacific Symposium on Blasting Techniques (2014)

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Foreword

The Asia-Pacific Symposium on Blasting Techniques (APS BLASTING) is a symposium on blasting techniques and explosives in the Asia-Pacific region, initiated by the China Society of Engineering Blasting. The International Conference on Physical Problems of Rock Destruction (ICPPRD) is an academic conference about the latest achievements of rock fragmentation theory, technology, engineering and so on, initiated by the Institute of Comprehensive Exploitation of Mineral Resources, Russian Academy of Sciences. To expand conference scale and share conference resources, the organizing committees of two conferences decided to hold APS BLASTING and ICPPRD together from APS BLASTING 2 (ICPPRD 6) in 2009. Since then, the two conferences have been successfully held together for two times (APS BLASTING 2 & ICPPRD 6, 2009 and APS BLASTING 3 & ICPPRD 7, 2011) and have become the most important academic symposium on aspects of blasting techniques and rock fragmentation in the Asia-Pacific region, Russia and the Commonwealth of Independent States.

APS BLASTING 4 & ICPPRD 8 are held in Shenzhen as scheduled, aiming at strengthening the academic exchange and technological cooperation among countries in Asia-Pacific region, Russia and the CIS enhancing the inter-industry and inter-disciplinary penetration, dealing with the opportunities and challenges met by blasting and rock destruction and forecasting the application prospects of blasting technology in various fields to jointly promote the development of blasting technology and rock destruction in the world. I hope these two conferences could lead the communication and discussion to a great climax.

The organizing committees have received 111 abstracts from China, Russia, Canada, Japan, Korea, Sweden, India, Mongolia, Australia, Kazakhstan and the United States. 95 papers are accepted by the proceedings, of which 39 papers are from the countries except China. The Symposium proceedings cover a wide range of subjects and present the leading technological innovations and achievements in industrial explosives, detonating facilities, rock fragmentation theory, physical problems of rock destruction, blasting vibration effect, blasting numerical simulation, blasting excavation, blasting demolition and so on.

Thanks to the great attention and contribution of members of the organizing committees in publicizing the conference themes and calling for more papers and the great support of Shenzhen Society of Engineering Blasting, the two conferences have been well organized. Here I would like to show my sincere



gratitude to the all committee members home and abroad and all the conference staff.

I wish the APS BLASTING & ICPPRD community gathered here a fruitful and memorable conference, and I hope you could support APS BLASTING & ICPPRD as ever.

Prof. Xuguang Wang

Academician, China Academy of Engineering

President of China Society of Engineering Blasting

Chairman of the 4th Asia-Pacific Symposium on Blasting Techniques

Honorary Chairman of the 8th International Conference on Physical Problems of Rock Destruction

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Blasting Theory

