Conference Venue

RocDyn-3 will be held in Trondheim, Norway. Trondheim is located in the middle of Norway and beside the Trondheim fjord. It can be reached by air directly from Oslo, Copenhagen, Amsterdam, Stockholm and London.

Organisation Committee

Charlie C. LI (co-chair), NTNU, Norway
Zongxian ZHANG (co-chair), the University of Oulu, Finland
Liyuan CHI, the University Centre in Svalbard, Norway
Wenche W. FINSETH, NTNU, Norway
Randi KOJEN, NTNU, Norway
Jianchun LI, CAS Institute of Rock and Soil Mechanics, China
Diyuan LI, Central South University, China
Xing LI, Monash University, Australia
Aina MYRVOLD, NTNU, Norway
Wenge Qiu, Southwest Jiaotong University, China
Knut SOLEM, NTNU, Norway
Gunnar VISTNES, NTNU, Norway
Kaiwen XIA, Toronto University, Canada
Qianbing ZHANG, Monash University, Australia
Zhiye ZHAO, Nanyang Technological University, Singapore

Scientific Committee

Charlie C. LI (co-chair), Norway Jian ZHAO (co-chair), Australia Ömer AYDAN, Japan Giovanni BARLA, Italy David BECK, Australia Ezio CADONI, Switzerland Feng DAI, China Conrad FELICE, USA Xia-Ting FENG, China William FOURNEY, USA R.K. GOEL, India Manchao HE, China Bruce HEBBLEWHITE, Australia Shi HUAN, Guangzhou University Yujing JIANG, Japan William JOUGHIN, South Africa Petr KONICEK, Czech Republic Heinz KONIETZKY, Germany Haibo LI, China Xibing LI, China

Lars MALMGREN, Sweden

Bjørn NILSEN, Norway Ugur Ozbay, USA Krishna PANTHI, Norway Frederic PELLET, France Yuri PETROV, Russia Mikael RINNE, Finland Brad SIMSER. Canada Chun'An TANG. China Wenge Qiu, China Jianchun LI. China Phil DIGHT, Australia Ernesto VILLAESCUSA. Australia Lili WANG, China Kaiwen XIA, Canada Zhive ZHAO, Singapore Mike YAO, Canada Paul YOUNG, Canada Zongxian ZHANG, Finland Yingxin ZHOU, Singapore Wancheng ZHU, China

Peter MIKULA. Australia



Third International Conference on

Rock Dynamics & Applications (RocDyn-3)

"Experiments, theories and applications"

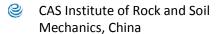
Trondheim, Norway 25-29 June 2018

Organisers

- The Norwegian University of Science and Technology, Norway
- The University of Oulu, Finland

Co-organisers



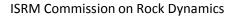


Nanyang Technological University, Singapore University of Toronto, Can<mark>ada</mark>

Central South University, China

Southeast University, China

Southwest Jiaotong University, China









Invitation

The Third International Conference on Rock Dynamics and Applications (RocDyn-3) will be held on 25-29 June 2018 in Trondheim, Norway. It is a specialized conference supported by the ISRM – the International Society for Rock Mechanics and the NBG – the Norwegian National Group of Rock Mechanics.

RocDyn-3 will cover the recent developments in experiments and theories of dynamic rock testing, rockburst, seismic management, dynamic rock support, blasting, percussive drilling, earthquake damage, etc. Rockburst in hard rock and seismic management will be paid special attentions in the conference. Two special forums will be organized for open discussions on hot topics in rock dynamics.

Trondheim is the third largest city of Norway. It is the city of technology in Norway, which hosts the largest Norwegian University, NTNU — Norwegian University of Science and Technology, and many other research and development institutions.

Welcome!

Dr. Charlie C. Li, Co-Chair, Dr. Zongxian Zhang, Co-Chair

RocDyn-3 Organizing Committee

Conference Themes

RocDyn-3 is a specialized conference devoting to topics on the dynamic behavior of rock and rock masses and engineering applications. The themes include:

T1: Laboratory dynamic testing of rock

T2: Theories and numerical simulations

T3: Rockburst, dynamic loading and seismicity in underground excavations

T4: Dynamic rock support

T5: Seismic monitoring and management,

T6: Blasting and explosions

T7: Earthquake-related structure damage and landslides.

T8: Other relevant topics

Forum 1: Rockburst and dynamic rock support

Forum 2: Dynamic testing of rock

The Forums are held in forms of invited presentations, open speeches and discussions. The invited presentations will be selected among the submitted papers.

Abstracts and papers will be peer-reviewed and published in proceedings.

Abstract Submission

Colleagues interested in participating in RocDyn-3 are invited to submit abstracts on the topics within the conference schemes. Abstract should be about 400 words, with a title, authors' names, affiliations, and email addresses. The theme number (T1 ... T8) should be given. Abstract should be submitted through conference website (http://www.rocdyn.org).

Key dates

Abstract submission 30 August 2017

Notification for abstract acceptance 20 September 2017

Deadline for full paper submission 1 January 2018

Notification for full paper acceptance 15 February 2018

Keynote Speakers

Brad SIMSER, Principal ground control engineer, Glencore, Canada Keynote on mine rockburst and dynamic rock support

Xibing LI, Professor, Central South University, China Keynote on dynamic testing of rock

Finn OUCHTERLONY, Professor, University of Leoben, Austria Keynote on rock blasting and fragmentation

Chun'An Tang, Professor, Dalian University of Technology, China Keynote on seismic monitoring and rockburst modelling

Theme Speakers

Theme speakers are selected among papers accepted.

Conference Program

The program of RocDyn-3 includes courses, forums, technical presentations and excursions as well as social events.

Year 2018	25 June	26 June	27 June	28-29 June
Morning	Courses,	Technical	Technical	Excursions (subsea
Afternoon	forums, registration	sessions	sessions	tunnels, geological sites, etc.)
Evening	Reception	Conf dinner		