

ACG celebrates 25 years of mining geomechanics excellence

Established in June 1992, the Australian Centre for Geomechanics (ACG) looks back in pride at the last twenty-five years and forward with enthusiasm and confidence to ACG's future endeavours.

"Over the 25 years of the ACG's existence, the mining industry has continually strived for improvements in safety, despite the enduring quest for greater productivity and efficiency, including in deepening mines with more demanding geotechnical environments. Safety and environmental standards, imposed both internally and by regulation, have continued to rise. The ACG's role in advancing geomechanics-related research, education and training has been closely attuned to these needs and has made important contributions to them", advises Mr Ian Suckling, ACG Board of Management Chair and VP – Technical, Gold Fields Australia Pt Ltd.

The below profiles illustrate the range of research projects undertaken by our not-for-profit mining research centre and include some that are, have been, and will continue to be pivotal in the development and evolution of our team.

- Ground Support Systems Optimisation Research Project
- Mine Seismicity and Rockburst Risk Management Research Project and mXrap Consortium
- Strainburst Research Project
- An Effective Stress Approach to Mine Backfill

Industry has sought ACG advice and assistance on projects from the backfill mines of China to the deep mines of Australia, Canada and South Africa. Projects range from mitigating the risks of seismic hazards to the complexities of rock stress testing.

Since 1992, the ACG has also presented almost 250 industry courses, seminars and workshops (attended by close to 5,000 mining professionals); over 30 international conferences and symposia (attended by over 4,500 delegates); and produced seven training videos in the areas of open pit, underground and mining geomechanics.

ACG Director, Professor Yves Potvin comments, "the global mining industry has and continues to place its trust in the ACG to deliver the world-class research and training to advance mine safety and mitigate geotechnical risks. We are grateful for industry's ongoing support, encouragement and counsel – it motivates and inspires our team to seek solutions and find technologies to address industry's geotechnical challenges".

Media Enquiries:

Josephine Ruddle, Australian Centre for Geomechanics, T: +61 8 6488 1864, E: Josephine.ruddle@uwa.edu.au, www.acg.uwa.edu.au

About ACG:

The Australian Centre for Geomechanics is a not-for-profit mining research centre based at The University of Western Australia, Perth. The ACG undertakes research, education and training activities in the geomechanics disciplines to provide industry with the necessary tools and knowledge to ensure that safety is not simply a top priority on par with productivity, but rather an ethic that guides everything. See www.acg.uwa.edu.au

The ACG team is well respected by industry and, since inception, we have grown from two to more than 14 outstanding academic and professional staff. We look forward to continuing to work closely with industry to advance mine safety, productivity and sustainability.

For more information on our research projects, visit www.acg.uwa.edu.au/acg-research/

To learn more about our upcoming events, see www.acg.uwa.edu.au/events/

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