

# MATHEMATICS IN INDUSTRY STUDY GROUP



New Space  
University of Newcastle  
28 January - 1 February 2020



Since 1984, the annual MISG workshop has brought together leading applied mathematicians, statisticians, physical scientists and engineers from universities, the public and the private sector from across Australia, New Zealand and around the world. In an effort to tackle complex technical problems facing Australian and New Zealand businesses and industry, the workshop provides practical, working solutions to real-life problems using methods from the mathematical sciences.

We have worked with a diverse range of more than 90 Australian and New Zealand business and industry partners, ranging from large multinational conglomerates to small-to-medium enterprises, on more than 160 different projects spanning a broad spectrum of industry sectors, including mining, railways and freight, manufacturing, metal processing, food and beverages, oil and gas, utilities, biomedical science, and technology.

## STUDENTS

- exciting, challenging and relevant industrial problems
- apply your knowledge and learn new skills
- travel support available
- free registration

"Very happy with the MISG experience. Above all, the curiosity and enthusiasm across numerous applied projects was inspiring to see. This will be very relevant to the long term future of optimising our production systems. MISG was structured and facilitated extremely well and productively."

**Pia Winberg**, CEO Venus Shell Systems

## RESEARCHERS

- any level of experience with industrial problems welcome
- network with industry representatives
- work with your post graduate students
- free registration

"Congratulations on the MISG week. I was truly impressed with the outcome your group achieved. The result will be a much improved door design that requires less electricity to keep a house comfortable and uses fewer resources to manufacture. Awesome!!"

**Nigel Spork**, CEO Centor Designs Pty Ltd

## VISIT

[MATHSININDUSTRY.COM](http://MATHSININDUSTRY.COM)

OR EMAIL [MISG@NEWCASTLE.EDU.AU](mailto:MISG@NEWCASTLE.EDU.AU)

