



# 28 SEPT 2018

## PUMPING WORKSHOP

### The Workshop

Pumps are an integral part of the pulp and paper making process. Reliable and efficient operation of pumping systems is critical for operability and profitability. The workshop will review some key topics regarding pulp and paper pump systems operations and mechanical seals. The workshop will cover pumping of pulp suspensions, variable speed drives and pump performance, mechanical seals, and include a session going in-depth into real mill examples of problematic pumping systems.

### Who should attend?

The workshop is aimed at technical, maintenance, and operational staff who design, operate, maintain and troubleshoot pump systems.

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### Workshop Fees

Appita Members: NZ\$100  
Non-Members: NZ\$150

Included in the fee: All catering, notes, and stationery.

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### VENUE:

SCION, 49 Sala St  
Rotorua, New Zealand

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### TIME:

9:00 AM – 3:30 PM

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REGISTER**



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## PROGRAMME

9:00 am	<b>Registration</b>
9:15 am	Pumping of Pulp Suspensions MC Pumps Consistency Correction Factors
10:30 am	Morning Tea
10:45 am	Variable Speed Drives – Operations, Costing, Benefits & Pitfalls Pump Performance Estimation
12:00 pm	Lunch
12:45 pm	Mill Examples Group Analysis and Troubleshooting
2:00 pm	Afternoon Tea
2:15 pm	Mechanical Seals & Sealing Issues (Vendor)
3:30 pm	Finish

## The Presenter



**Dr Martin Atkins is a Process Engineer and is a Researcher at the Energy Research Centre, University of Waikato. His area of expertise is in industrial energy efficiency and has a particular interest in pump systems design and optimisation. A representative from John Crane will also present on Mechanical Seals, and Sealing Issues.**

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**For more information  
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