

PUMP WORKSHOP



Thursday 27th August 2026



Distinction Hotel, Rotorua



THE WORKSHOP

Pumps are an integral part of the pulp and paper manufacturing process. Reliable and efficient operation of pumping systems is critical for maintaining production, reducing downtime, controlling energy use, and improving mill profitability.

This workshop will review key principles and practical issues associated with pump system operation in pulp and paper mills. Topics will include pump and system curves, pump operating points, cavitation and net positive suction head, pump system assessment, and practical troubleshooting of common pumping problems. The workshop will also include an introduction to how AI and emerging digital technologies may be applied to pumping systems in areas such as monitoring, analysis, decision support, and performance improvement.

The workshop is intended to combine core pumping fundamentals with practical mill-focused examples, helping participants better understand, assess, and troubleshoot pumping systems in pulp and paper operations.

WHO WILL IT BENEFIT?

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

THE PRESENTER



Dr Martin Atkins

Dr Marting Atkins is the Associate Professor in Chemical and Process Engineering at the University of Waikato. His area of expertise is in industrial energy efficiency and has a particular interest in pump systems design and optimisation.

PROGRAMME	
8:45 am	Registration
9:00 am	Welcome
9:15 am	Pump and System Curves - Why they matter.
10:30am	Morning tea
10:45 am	Pump Cavitation and Net Positive Suction Head
12:00 pm	Lunch
12:45 pm	Pump System Assessment and Troubleshooting
2:15 pm	Afternoon tea
2:30 pm	AI in Pumping Systems: Opportunities for Reliability and Energy Efficiency
3:30 pm	Finish

REGISTRATION FEES

Appita Members - Early Bird *

NZD350

Non-Members - Early Bird*

NZD550

Appita Members - Standard

NZD450

Non-Members - Standard

NZD650

• *Register early — Early Bird pricing closes Friday, 19 June 2026.

• Catering, course notes, and stationery included

• Cancellation policy:

\$50 admin fee any cancellation within 10 working days | Encourage nominate a replacement

50% cancellation fee applies for cancellation 15 working days prior to course date (last day to cancel before 50% fee applies 5 August 2026)

100% cancellation fee applies for no show