

2019 NEW SPEAKER COMPETITION

DATE: Thursday 19th September 2019
VENUE: Copthorne Hotel, Fenton Street, Rotorua

PRINCIPLE SPONSORS

Beca AMEC

Valmet Technologies & Services AB

SUPPORTING SPONSORS

Chemiplas NZ

Scion

PROGRAMME

6:00pm Registration and Drinks (cash bar), House Bar

6:30 Buffet Dinner, Restaurant

New Speaker Competition - Redwood 2

7:30 **Maia Ireland-Blake, Graduate Process Engineer, Oji Fibre Solutions Tasman**

"Tasman Mill's Evaporation Plant Upgrade"

On October 26th, 2018 Oji Fibre Solutions Tasman officially opened its three-effect pre-evaporator set. This \$22 million project was the culmination of efforts involving Oji, Oji Fibre Solutions, Andritz, Index Engineering, and Beca. Today this project is delivering benefits and improvements to overall operating stability for the Tasman Steam and Recoveries Business Unit. An increase in overall steam economy in the evaporation plant has been achieved as well as increased pulp production now the mill is no longer evaporator constrained, with evaporator capacity meeting recovery boiler capacity. This presentation will discuss the commissioning, troubleshooting and optimisation completed which contributed to the successful conclusion of this major capital project.

8:00 **Ryan Brown, Graduate Process Engineer, Oji Fibre Solutions Kinleith**
"Fibreline Mass Balance for Production Reconciliation"

The objective of this project was to quantify an apparent imbalance in the production rate of Kinleith's continuous digester and the production of the pulp dryer downstream. This was completed by developing an interactive material balance covering the fibreline. the production rate of the dryer is used to back-calculate upstream production with considerations given to fibre loss, fibre shrinkage, inventory change and product grades. This project has led to the generation of a monthly report which quantifies the difference in production rates, tracks fibre loss throughout the process, and shows key monthly achievements and concerns.

8:30 **Judging and Awarding of Prizes**

COST: Members: \$45 Non-members: \$55 Appita Retired Members: \$25
(NB: A credit card surcharge of 3% will apply on American Express payments)

Payment can be direct credited to Account - Appita NZ Section, ANZ, Fenton St, Rotorua 06 0413 0178800 00

COMPETITION ORGANISER: Ryan Ennis, Oji Fibre Solutions Kinleith

Please register by Monday 16th September to:

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