

2018 NEW SPEAKERS' COMPETITION

DATE: Thursday 26th July 2018
VENUE: Copthorne Hotel, Fenton Street, Rotorua

SPONSORS

Principle Sponsors:	<i>Beca AMEC</i>	<i>GLV Sweden</i>
Supporting Sponsors:	<i>Chemiplas NZ</i>	<i>Scion</i>

PROGRAMME

6:00pm Registration and Drinks (cash bar), House Bar
6:30 Buffet Dinner, Restaurant

New Speakers' Competition - Redwood 2

7:30 **Daniel Guinto, Process Engineer, Oji Fibre Solutions Tasman**
"Reducing Variation in White Liquor Strength by Controlling Slaker Temperature"

The key to producing quality pulp is to minimise variations in the continuous cooking process. A key variable that can affect pulp quality is the white liquor effective alkali (EA) which is a measure of the strength of the white liquor. This presentation will cover the process control strategies implemented in the causticising plant in OJI Fibre Solutions Tasman Mill which resulted in reduced variations in white liquor EA and increased pulp strike-rates.

8:00 **Keith O'Connor, Mechanical Engineer, DETA Consulting**
"Significant Returns from Low Investment Optimisation Projects"

Keith recently completed a 12-month secondment to SIG - Whakatane Mill. The presentation focusses on a range of broadly applicable equipment optimisation projects. These optimisation projects are characterised by well-defined economic returns and implementation costs below the CAPEX request threshold. Many of the projects were developed during the speaker's time at the Whakatane Mill, with some additional examples supplied by colleagues working at several other NZ Pulp and Paper sites.

8:30 **Sarah Ruddell, Process Engineer, Beca AMEC**
"Chromium-Carbide Nickel-Chrome Thermally Sprayed Coatings"

Thermally sprayed coatings are frequently used in the pulp & paper industry for their superior wear and corrosion resistance at elevated temperatures. However, during the spraying process, the deposited coating is a supersaturated, amorphous structure that requires heat treatment to obtain the best physical properties. This presentation will explore the optimum temperature for heat treatment for two different spraying techniques of Chromium-Carbide Nickel-Chrome coatings to achieve the highest wear and corrosion resistance properties.

9:00 **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

MEETING ORGANISERS: Ryan Ennis, and Desirae Kirby, Oji Fibre Solutions

Please register by Monday 23rd July to:

Karen Clark, Appita, Ph: 07 350 2252 M: 027 231 6541 E-mail: appita.nz@xtra.co.nz