What if…

You were never called in the middle of the night again, you never have to cut your vacation short, or you would never miss another grandchild's Awards Day.
Does this sound too good to be true; does this sound like a dream? If so let us tell you how Intelligent Asset Management with a robust Neural Network and Data Analytics can transform your data into insight and eliminate all unplanned downtime, optimize production, and maximize quality.

Here's how…
A partnership with NASA monitors 116,000 data points at over 270 NASA Facilities and has generated $12 million in client savings while maintaining the same service levels.

These same condition-based maintenance principles and methods can be used to develop a Digital Solution for the Pulp and Paper industry that has existed for over 100 years. The wide variety of vintages and types of equipment in existing mills can be brought up to 20th Century standards by introducing instrumentation and data collection technology with precision and capabilities never imagined when the asset was originally installed. Then the asset can be catapulted into the 21st Century using Data Analytics and Machine Learning. This eliminates downtime by predicting failures and optimizes quality and production by giving insight on process conditions in real time. These improvements have a ripple effect throughout the paper mill. Reducing capital investment in the storeroom and going towards a just-in-time delivery for spare parts. Optimizing power, water, and air to create a more sustainable paper mill. Reducing waste by tracking raw material consumption to maximize the bottom line.

Philip Armstrong and Andrew Wyse will be presenting on Asset and Process Insight, Driven by Data Analytics at the upcoming TAPPICon21 conference. This presentation was originally planned for the TAPPIcon20 conference, and they are happy to share it with us!

Philip has worked in process control and instrumentation at Jacobs for twelve years, providing solutions for diverse clients across the pulp and paper, specialty chemical, downstream petrochemical, and other industries. He is currently the instrumentation and controls department manager for the Greenville operation and is involved with initiatives to share solutions across disparate industries. He has a B.S. in mechanical engineering from Clemson and is a registered professional engineer.

Andrew has a 15 year career with Jacobs providing engineering solutions to clients in diverse industries, including pulp and paper, specialty chemical, and oil and gas. He was involved in establishing an Asset Management System for a Pulp and Paper client in the early 2010s and is now investigating how data analytics can provide additional insight on asset health and optimize planned downtime. He has a B.S. in mechanical engineering from the Georgia Institute of Technology.

You are invited to a Zoom meeting.
When: Jan 12, 2021 06:30 PM Eastern Time (US and Canada)

Meeting format:
6:30 - Room opens for chat
7:00 - presentation begins
7:45 (or so) Q&A and break out rooms for networking
Meeting ends 8:15PM

Register in advance for this meeting:
https://zoom.us/meeting/register/tJItf-yprDIoGNLnWVp9c23fMak_RsTLLkTe

or email: WSC AIChE Secretary <sec@wscaiche.org>