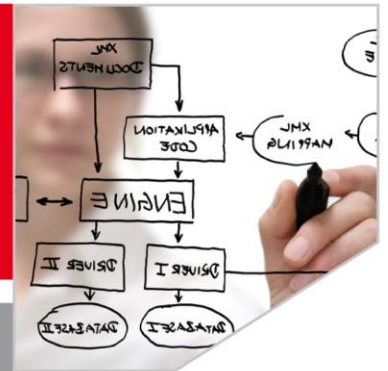


“iAPM for Asset Health Management: The new benchmark for industry”

Yvonne Power - BE (Hons), PhD. Principal, IMPower Technologies



Joint Electrical & Electronics Papers (JEEP) and Mining Electrical & Mining Mechanical Engineers Society (MEMMES)

EVENT DETAILS

Date:

Wednesday, 12 February 2014

Time:

5.30 pm for a 5.45 pm start

(Light refreshments will be Served after the event)

Venue:

Auditorium
Engineers Australia
712 Murray Street
West Perth

Cost:

EA, IET, IEEE and MEMMES
Members: Free
Non-members: \$30.00

Registration:

Essential by COB Tuesday, 12
February 2014. To register
please [click here](#)

This presentation will discuss how advanced Asset Health Management (AHM) is integral for all industry sector organisations to operate safely, effectively and profitably. Intelligent Asset Performance Management (iAPM) is particularly important in the resources sector and in integrated and remote operating centres (ROC) which rely on operators viewing and analysing masses of data through the use of visual tools and graphics.

The presentation will provide examples of successful implementations of AHM and iAPM systems in utilities, resources, rail and mineral processing operations and will explore the importance of iAPM, an automated system, integrating disparate data and deploying advanced monitoring and diagnosis algorithms to continuously evaluate asset performance (equipment, process, control and infrastructure) so that every aspect of an organisation's asset condition is completely visible and available to executive, analytical and operational users. iAPM allows asset degradation and equipment breakdown to be detected early, predicting and preventing sub-optimal operation before it impacts production and safety.



ABOUT THE SPEAKER



Yvonne Power is an electrical engineer and has a PhD in integrated process operation management. She has worked nationally and internationally on asset health management focussing on software development, guiding technology developments as part of a technical steering committee and successfully introducing asset health initiatives within operations. Yvonne's latest role is Principal of IMPower Technologies, a specialist consultancy company she founded in September 2009 focusing on Intelligent Asset Performance Management, using computer applications and intelligent systems to capture knowledge, automate monitoring, diagnosis and prognosis for improved production, maintenance and safety. Since starting

IMPower Technologies Yvonne has consulted to some of the world's largest resources organisations, working closely with different teams across a combination of disciplines and organisational levels to successfully introduce asset health management initiatives into organisations. Systems developed are being used to monitor rail infrastructure and critical equipment across the Pilbara. In this presentation Yvonne will share with us her experiences on asset health management.



Representing the ITEE Panel



This event is eligible for 1.5 CPD hours

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