

## PPCL Webinar: Understanding and Avoiding Abnormal Process Events

Downtime and degraded production from process disturbances are major costs to the process industry. How can we understand these events and implement the changes needed to reduce their impact? Can we provide operators with early warning of developing abnormal process conditions giving them the precious time needed to understand and respond to disturbances before they grow to threaten shutdown or lost production?

Process Plant Computing (PPCL) will present in this free webinar, simple visual methods for analysing large historical datasets and producing real-time event prediction and fault detection models based on process history which can be implemented by the engineer without the need for advanced mathematics. Building models is fast and easy compared with traditional condition monitoring and fault detection frameworks.

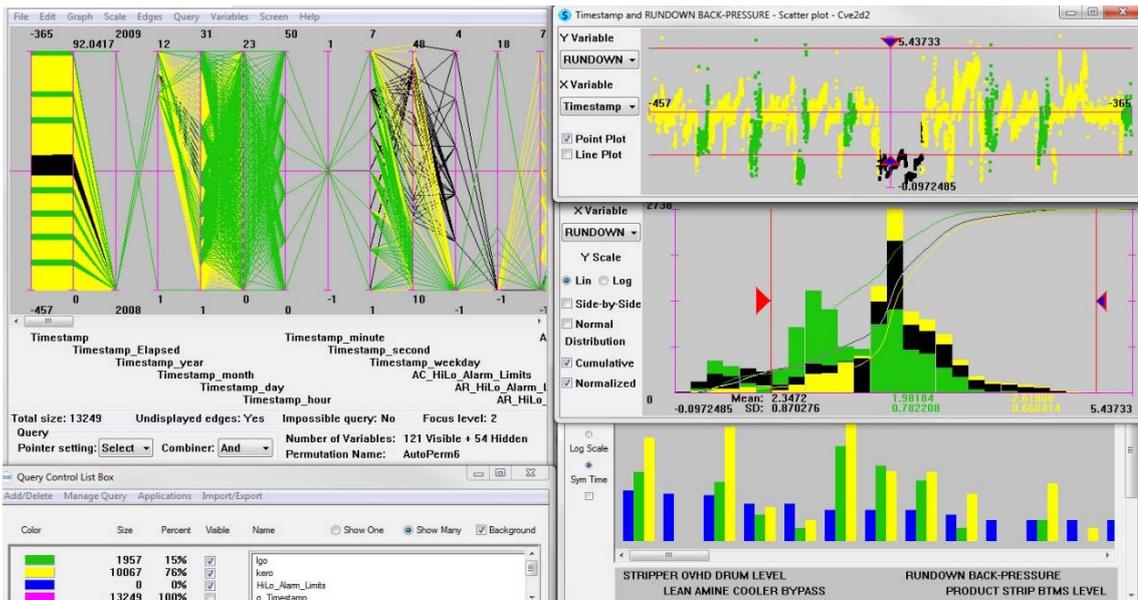
PPCL ([www.ppcl.com](http://www.ppcl.com)) is a UK-based chemical engineering technology and software development company. It has pioneered the development of Geometric Process Control (GPC), which implements a geometric model of the operating process in a multi-dimensional space. This is presented visually to users through unique visualization methods, demonstrating current process operation in the context of the operating envelope identified from historically good behaviour. This method can integrate hundreds of process variables over thousands of time points, achieving very high detection sensitivity.

Register for a webinar now at [www.ppcl.com/webinars](http://www.ppcl.com/webinars) and discover more about this fast, practical, no-maths approach to extracting the information and insight buried in your process history data.

Visit the ACRNA Calendar <https://acrna.org/events/#calendar> to register for the Australian time zone session on Wednesday 11<sup>th</sup> March 2020.

Dr Alan Mahoney

**PPCL** Process Plant Computing Limited



# Newsletter

March 2020

## Latest News:

The Website SubCommittee is grateful to members for all the feedback on how the website can work better for them.

The result is that the ACRNA Website now has a new home page featuring Latest News.

The feature includes key articles from recent newsletters, and this month is headlined with an article from Viva Energy's Paul Lewis.

Paul's article is a good example of what we think ACRNA should be providing:

- A forum for networking and making useful contacts; and
- A place to seek advice and exchange ideas and information

Paul's video story showcases both: how a networking experience at the 2019 ACRNA conference helped solve noise congestion issues in Geelong refinery's new control room.

## Viva's Sound Shower



### Viva's Sound Shower

February 2020

Paul Lewis of Viva Energy's Geelong Refinery explains how a networking experience at the 2019 ACRNA conference helped solve noise...

[Read More](#)

## New Secretary:

One of the tasks the Admin & Finance SubCommittee has been undertaking is the review of the Rules of Association.

This has become necessary because the ACRNA has grown well since its initial registration and 2017, and the Rules needed to reflect how we actually operate as an Association, and not a template model.

In the process of review with the Association's lawyer, it became evident that, according to the Queensland legislation we are registered under, our Secretary must be a Queensland resident (or live permanently within 65km of the Queensland border).

Therefore, Russell Ockendon has resigned and Mark Holmes has been appointed Secretary by the Management Committee.

The Management Committee agreed to appoint Russell Ockendon as Manager to continue to fulfil the practical functions of the Secretary. Russell now becomes a Corporate Committee Member representing Control Centres Australia.

Members can follow this and all other Management Committee business on the website at:

<https://acrna.org/committee-meeting-minutes/>

## Get involved...

**Members are encouraged to get involved to contribute to, or assist, the SubCommittees, and to develop their Personal Profiles in their ACRNA Website Account. Is ACRNA a network you could find useful. Join ACRNA at <https://acrna.org/> or visit <https://acrna.org/about/#benefits>**