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AB Vista shining light on NIR tools and techniques at NIR 2019 conference

Pioneering solutions to be presented at the international NIR 2019 conference (to be held in Australia from 15th to 20th September) consolidate multiple NIR tools and techniques into a single, streamlined approach – for more accurate results.

Two new research papers, to be presented by experts from AB Vista's specialist NIR division Aunir, serve to break down the complexities associated with the use of multiple NIR models – offering instead a unified approach based on viewing data and outputs via a single plane.

Director of Aunir, Chris Piotrowski explains how simplifying the process can improve the data analysis process – for better results:

“NIR is growing in popularity as the technology becomes more sophisticated, enabling users to look beyond proximate analysis for a detailed insight into substrate composition. What this means, however, is that the operation becomes more complex – with multiple variables, instruments and platforms increasing the potential margin for error.

“The papers we’ll present at NIR 2019 offer a smart new solution, whereby data from different NIR instruments can be combined into a single database used for predicting unknown samples – thus allowing our customers to benefit from a more diverse single repository of data.”

The company's award-winning team of chemotricians will be on hand at booth 12 throughout the event, whilst the research papers will be presented as follows: *Rep File Embedded Locally Weighted Regression*, 17th

September, 16.45; *Lessons from the Machine Learning Community*, 19th September, 11.45.

In addition, Chris Piotrowski will present *Calibrations: who, what, where, how?* on 19th September at 10:00. Chris explains that the quality of data and calibrations is critical to the accuracy of NIR results:

“Near-infrared is a secondary technique, and will only learn the information as given, so calibrations need to be built with as much insight as possible. At Aunir, we can access current global data, to build calibrations swiftly and accurately. Worldwide access is vital in NIR: it is important to cover global varieties, the impact of weather and the impact of different species.”

Those not attending the event but interested in learning more are invited to contact info@abvista.com for more information. The company has also produced an expert guide to NIR, available to download at bit.ly/2z5gbUU.

For more information, contact AB Vista on +44(0)1672 517 650 or info@abvista.com. Follow AB Vista on Twitter: [@ABVista](https://twitter.com/ABVista).

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Notes to editor:

AB Vista is a global animal nutrition technology company offering pioneering products and technical services to the global animal feed industry. Since its establishment in 2004, AB Vista has grown to be a top-three player in feed enzymes. Working in close collaboration with academics and customers, AB Vista is committed to developing new nutritional applications based on scientific insight. This is achieved through research, nutritional expertise and the ability to analyse nutritional factors – the combination of which is referred to as “feed intelligence”. This serves to bring an improved nutritional picture to the industry. AB Vista has a portfolio of products and technical services spanning the poultry, swine, ruminant and aquaculture sectors. AB Vista is headquartered in the UK, with regional

offices located in the USA, Brazil, Singapore, Spain, India, China, Germany and Finland.

AB Vista is part of AB Agri, the agricultural division of Associated British Foods, one of Europe's largest food & retail companies with a market capitalisation of £22 billion.

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