



A JOINT CONFERENCE OF THE

**NEW ZEALAND NIR SPECTROSCOPY SOCIETY
AND THE
AUSTRALIAN NIR SPECTROSCOPY GROUP**



THE 20th ANISG/NZNIRSS CONFERENCE CHRISTCHURCH, 8th – 11th April 2024

“FROM WAVES TO PEAKS: NIR IN CHRISTCHURCH”



Kea: Curious Mountain Parrot

The twentieth conference of the Australian Near Infrared Spectroscopy Group (ANISG) www.anisg.com.au , co-hosted with the New Zealand Near Infrared Spectroscopy Society (NZNIRSS) will be held in April 2024 in the South Island “Garden City” of Christchurch at the Novotel, on the Cathedral Square. <http://www.christchurchnz.com/> .



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NIR technology users, researchers, and students, with a common interest in NIR research, applications and developments, are invited to meet alongside major suppliers of NIR equipment and software, to share experiences centred on the versatility and value of NIR. Vendors will be present in an exhibition area at the conference. Preceding the conference there will be an advanced full day course covering **Hyperspectral Imaging (Professor José Manuel Amigo)** on Monday 8th. On Tuesday 9th April, two half day courses will be presented. **These will cover Vibrational Spectroscopy (Dr Cushla McGovern)** scheduled in the morning followed in the afternoon with **Calibration and Chemometrics (Dr Kyle Devey)**. See below.

A call for papers and posters. Abstracts are required by the first week of March 2024. The template can be found on the main website. A draft programme has been posted on the main website and will be updated early in 2024.

Hotel bookings at either Novotel Cathedral Square or the nearby Ibis Hotel can be made by using the following link.

<https://accorevents.com/offers/racs/asc/2024>



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FULL DAY COURSE 1 Monday 8th April 2024

Hyperspectral Imaging: This course aims to interact



on the classic and newest topics related to hyperspectral image analysis including the basic spatial and spectral pre-processing methodologies, linear approaches versus Deep Learning, industry applications and more.

HALF DAY COURSE 1 Tuesday 9th April 2024

Vibrational spectroscopy: This course will cover the



fundamental aspects of vibrational spectroscopy such as how spectra arise and can be interpreted, different types of instrumentation and sampling techniques.

HALF DAY COURSE 2 Tuesday 9th April 2024

Calibration and chemometrics: This course will cover



an introduction to the area, an explanation of some calibration algorithms and principles, preprocessing and calibration best practice along with the validation and quality assurance approaches essential to the robust applications of infrared

spectroscopy as an analytical tool.