



PRISM

Aqua  Farm
10-12, July, 2023

PROGRAM

International Conference on

Aquaculture

July 10-12, 2023 Melbourne, Australia

GOLD SPONSOR

VEGA HOME OF VALUES

BRONZE SPONSOR

VENDART
DIAGNOSTICS

EXHIBITOR

RBR 50 years

MEDIA PARTNERS

FIS Fish Information & Services

In partnership with SeafoodMediaGroup

FishFocus

AQUACULTURE / CATCHING / PROCESSING



Aquafeed.com



HATCHERY
FEED & MANAGEMENT

the fish site

eco
environment coastal & offshore

Fishfarmingexpert

part of oceanspace media

<https://aquacultureconference.com.au/>

At VEGA Australia, we are committed to providing innovative and reliable solutions to meet the unique challenges of the aquaculture industry. We understand the importance of sustainable practices and recognize that the success of our customers depends on healthy and thriving aquatic environments.

Our range of precision instrumentation products is designed to help aquaculture farmers and operators optimize their processes and maximize their yields. Whether you are measuring water quality, monitoring feeding systems, or managing wastewater, our products provide accurate and reliable data to support informed decision-making.

We are passionate about delivering exceptional customer service and technical support to ensure our customers achieve the best possible outcomes. Our team of experts is dedicated to working closely with you to understand your specific needs and provide tailored solutions that meet your requirements.

At VEGA Australia, we are committed to driving innovation and advancing the aquaculture industry through sustainable and responsible practices. We look forward to partnering with you to achieve your goals and create a brighter future for the aquaculture industry.

VEGA Australia Pty Ltd

Phone: 1800 817 135

Email: a.mazor@vega.com

Website: www.vega.com

Head Office: 34 Cawarra Road
Caringbah, NSW 2229

WaterLink[®] SpinTouch[®]FX



Test all parameters simultaneously without the need for a single test tube



Save time and labour with simple, accurate and tidy tests



Pair with integrated software to take the guesswork out of water treatment

Available Tests

Alkalinity
Ammonia
Calcium
Hardness
Magnesium
Nitrate
Nitrite
pH
Phosphate



VENDART

Vendart Diagnostics Pty Ltd

p (02) 9139 2850 f (02) 9674 5115

e sales@vendart.com.au

vendart.com.au

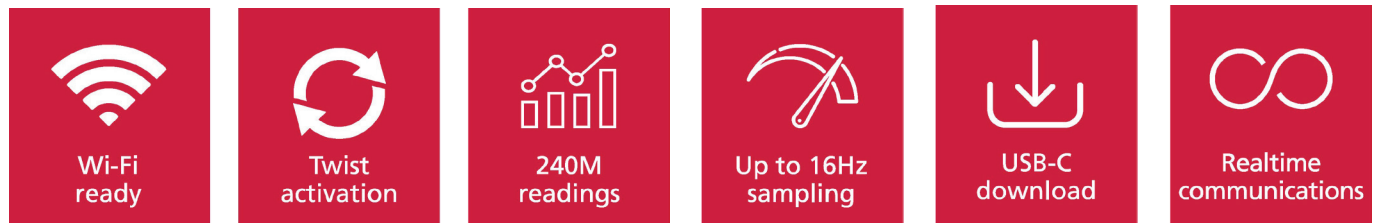
MULTI-CHANNEL LOGGER (5-10)



MEASURE MORE,
DEPLOY LONGER,
DOWNLOAD FASTER

The RBR*maestro*³ multi-channel instruments support up to ten sensors on a single platform. A diversity of sensor configurations allows the instrument to be fine-tuned for a wide variety of applications. Variants with pressure, temperature, conductivity, radiometer, PAR, and turbidity sensors are also available in titanium housing, designed to endure harsh conditions.

FEATURES



The RBR*maestro*³ can integrate up to ten of the following sensors:

- | | | | |
|--------------------|---|------------------|-------------------|
| ▶ Conductivity (C) | ▶ Dissolved oxygen (DO) | ▶ Turbidity (Tu) | ▶ pH |
| ▶ Temperature (T) | ▶ Optical dissolved oxygen (ODO) | ▶ Fluorescence | ▶ ORP |
| ▶ Pressure (D) | ▶ Photosynthetically active radiation (PAR) | ▶ Voltage | ▶ CH ₄ |
| | ▶ Radiometer (rad) | ▶ Transmittance | ▶ CO ₂ |

Examples:

- | | |
|---|--|
| ▶ RBR <i>maestro</i> ³ C.T.D.DO.Fl.pH.Tu | conductivity, temperature, pressure, dissolved oxygen, fluorescence, pH, turbidity |
| ▶ RBR <i>maestro</i> ³ C.T.D.ODO.Fl.PAR | conductivity, temperature, pressure, optical dissolved oxygen, fluorescence, photosynthetically active radiation |

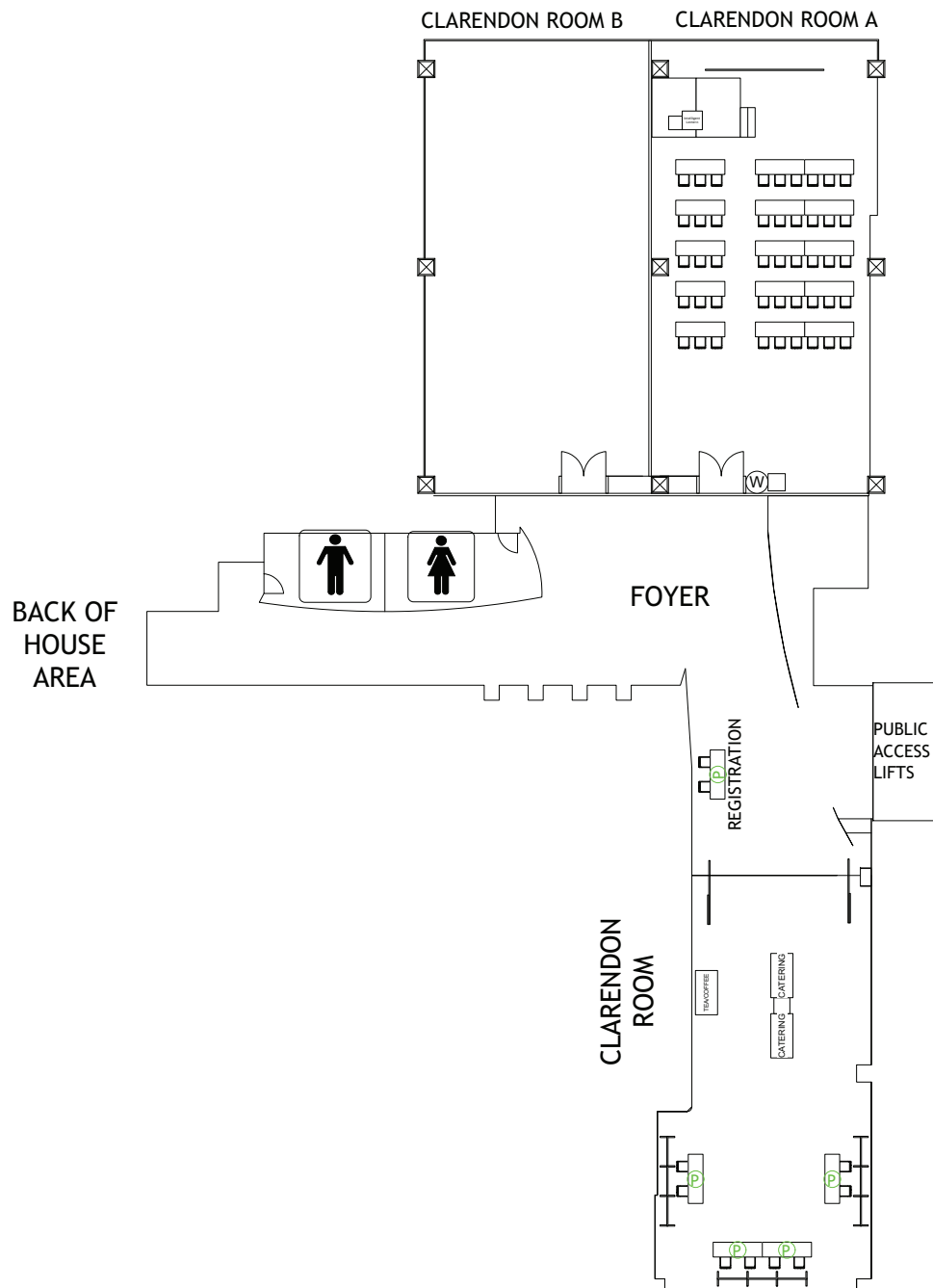
08:45-09:15	Arrival Coffee and Registration
09:15-09:30	Opening Remarks
	Chair: Regina Singh , Fiji National University, Fiji
09:30-10:00	Keynote: The needs and benefits of aquaculture Roy D Palmer , Association of International Seafood Professionals, Australia
10:00-10:30	Keynote: Novel offshore aquaculture systems for a modern planet Stewart Frusher , University of Tasmania, Australia
10:30-11:00	Keynote: Advancing aquaculture: The technological road to higher margins Ciaran McKinley , Shrimpl, Singapore
11:00 -11:20	Coffee Break
11:20-11:55	VEGA Aquaculture Nick King , VEGA, Australia
11:55-12:25	Enhancing aquaculture profitability through water testing Jason Leach , Vendart Diagnostics Pty Ltd , Australia
12:25-12:45	Verifying production monitoring systems with accurate water column measurement instruments: Setting your golden standard Cory Brooks , RBR, Australia
12:45-13:30	Lunch Break
	Chair: Stewart Frusher , University of Tasmania, Australia
13:30-14:00	Certification to aquaculture stewardship council standards can drive communication about the importance of aquaculture Duncan Leadbitter , Aquaculture Stewardship Council, Australia
14:00-14:30	Establishing seedstocks for the U.S. warm water marine finfish industry Marty Riche , Florida Atlantic University, USA
14:30-15:00	Future trends in sustainable aquaculture Lourdes Gant , Manatee Holdings Ltd, Canada
15:00-15:30	Coffee Break
	Chair: Duncan Leadbitter , Aquaculture Stewardship Council, Australia.
15:30-16:00	Biology and culture potential of gymnarchus niloticus from the lower river niger at agenebode, Nigeria Marian Onwude Agbugui , Edo State University Uzairue, Nigeria
16:00-16:30	Artificial intelligence-enabled real-time fish biomass estimation: Validation and performance analysis Md Arif Reza Anwary , Edinburgh Napier University, UK
16:30-17:00	Growth yield of co-cultured sea grapes (caulerpa lentillifera) with blacklip oyster pinctada margaritifera from namarai village, Fiji Islands Regina Singh , Fiji National University, Fiji
17:00-17:30	Exhibition Booth Visit
17:30-18:30	Networking & Cocktail

End of Day 1

- 09:30-09:50 Arrival Coffee
- 09:50-10:00 Opening Remarks
- Chair: Karthika Prasad**, Australian National University, Australia
- 10:00 - 10:30 **Keynote: Microbiome functions in aquaculture and the importance of its manipulation to increase farming sustainability pre-pro and postbiotics usage in modern aquaculture**
Luca Micciche, Verdesian Life Sciences, Malaysia
- 10:30 - 11:00 **VEGA | Aquaculture**
Nick King, VEGA, Australia
- 11:00-11:30 Coffee Break
- 11:30-12:00 **Hatchery technology**
Alpa Pansuriya, Mainstream Aquaculture Group Pty Ltd, Australia
- 12:00-12:30 **Revolutionizing seaweed farming: Protoplast based tools for commercial success**
Manoj Kumar, University of Technology Sydney, Australia
- 12:30 - 13:30 Lunch Break
- Chair: Luca Micciche**, Verdesian Life Sciences, Malaysia
- 13:30-14:00 **Plasma for aquaponics**
Karthika Prasad, Australian National University, Australia
- 14:00-14:30 **Determination of proximate, mineral, and heavy metal contents of fish from the lower river niger at agenebode, edo state, Nigeria**
Marian Onwude Agbugui, Edo State University Uzairue, Nigeria
- 14:30-15:00 **The importance of Chefs**
Sarah Maric, Australian Institute of Technical Chefs, Australia
- 15:00-15:15 Poster presentation
Increasing the sustainability of a pond farm: A comprehensive approach
Aleksei Afanasev, Aquafarm Karamyshevo, Russia
- 15:15-15:45 Coffee Break
- 15:45-16:45 Work Shop
- 16:45-17:15 Exhibition Booth Visit

End of Day 2

- 09:30-09:50 Arrival Coffee
- 09:50-10:00 Opening Remarks
- Chair: Peter Torley**, RMIT University, Australia
- 10:00-10:45 **Keynote: Aquaculture opportunities: Australian native freshwater fish**
Bruce Sambell, Perch Man, Australia
- 10:45-11:15 **Seaweed as a functional food material; bioaccessibility and bioavailability challenges**
Hafiz Suleria, University of Melbourne, Australia
- 11:15 - 11:45 Coffee Break
- 11:45-12:15 **Development of Raman Spectroscopic analysis techniques to assess quality biomarkers in fish**
Jeremy D. Landry, RMIT University, Australia
- 12:15-12:30 **Spectroscopic and chemometrics characterization of fish and shellfish to understand composition differences**
Muhammad Ashfaque, RMIT University, Australia
- 12:30 -12:45 **Mariculture of *litopenaeus vannamei* might increase aquatic greenhouse gases concentrations**
Qiao-Fang Cheng, National Taiwan Ocean University, Taiwan
- 12:45 -13:15 **Latest advances in symbiotic technology**
David Celdran Sabater, BIOAQUAFLOC, Costa Rica
- 13:15-13:30 Closing
- 13:30-14:30 Lunch



Melbourne Exhibition Centre, Level 4 Entire



Event name Prism Scientific Services - Aqua Farm 2023		
Event date 10/07/2023 - 12/07/2023	Event number 112099	
Drawn by & date KC 05/07/2023	Plan type Floor Plan	V2

rakshith.kumar@aquacultureconference.com.au
 Australia: +61 390163202

Prism Scientific Services Pty Ltd
 302/480 Collins Street, Melbourne, VIC 3000, Australia
<https://www.scientificprism.com/>

